

Dynamic IE toolbar builder v 2.15

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Introduction

With dynamic IE toolbar builder you can build dynamic IE toolbars in minutes. No programming knowledge is required you can get fully functioning ready toolbar application to give from your site just after reading the below instructions. After building your toolbar you'll have setup.exe and web installation package (.CAB). All that you need to begin with building your toolbars is to get Dynamic IE toolbar Builder package that you can order at www.besttoolbars.net.

To build your toolbar you can also use our online IE toolbar builder that gives you ability to build your toolbar online using simple and intuitive web interface at http://www.besttoolbars.net/online_ie_toolbar_builder.php

In distribution archive that you'll get from us with your purchase of Dynamic IE toolbar Builder you'll find two separate folders: /web-install -- from which you'll need to upload all the contents to your server (please note that you have to upload License.html file onto your server also) and /version folder -- which stores all the files you need to customize your toolbar. To install the toolbar please open /web-install/install.html in your browser.

The basic steps for creating your own toolbar are:

1. You need to go into /version folder and open basis.xml file in any text editor of your choice. You can download FREE editor for those .XML files from our website <http://www.besttoolbars.net/download.php>. The samples for toolbar customization files can also be found in downloads section of our website. After you made the changes into XML file as described in this documentation, you'll need to run Toolbar_builder.bat utility located in the same folder to create a .CAB file.

OR

- You can create an account with Online IE toolbar Builder http://www.besttoolbars.net/online_ie_toolbar_builder.php where you will be able to visually build your toolbar and then you can download the XML file that you have built.
2. This .cab file then has to be copied into /web-install folder and all the contents of that folder need to be uploaded on your website.
 3. The toolbar can be installed by simply opening install.html page from either /web-install folder or from your website.
 4. In case you need to distribute the toolbar as self installing .EXE you can do this simple by using cab2exe utility that is available from our website <http://www.besttoolbars.net/download.php>.

Should you have any specific questions we would be ready to help you.

Call our tech support 24x7 at: 866 862 1289

Or email us: support@besttoolbars.net

Features

You can build fully branded dynamic IE toolbar with your own links and unique functionality. All customization is made from a simple text file. This file has XML format that is very similar to standard HTML formatted page. The toolbar that you build can have the following features:

Branding:

You can have branded toolbar with your own logo. You can use your corporate colors for background and text. Add background image "skin" with your image to the client browser. Build fully branded IE toolbar to stay in front of your customers!

Unlimited buttons, images and menus:

You can have unlimited number of buttons on your toolbar. Each button can have a menu that pop-up when the button is clicked. Alternatively clicking on a button can take the users to a predefined page located somewhere on the Web. Each location can be opened in a new web browser window.

Only 180KB size:

Unlike other toolbars our toolbar is only 180KB. It can be installed easily by your customers even with low-speed internet connection.

Search box:

That allows your customers to perform a search from your Toolbar. The users can enter either a question or keyword(s) and hit the "Enter" key on the keyboard, or click the "Search" button to search on your site or to search using search engine of your choice (multiple searches are possible). Users can view a history of their recent searches by clicking the down arrow on the right of the search box. Your users can also perform searches by selecting the desired text on any web page and then dragging and dropping that text into the search box on the Toolbar. Once the text is "dropped" into the search box, a search will automatically be performed on that text (no need to click the "Search" button).

Catcher for Internet Explorer address bar and DNS error

With our toolbar builder you can use the advantages of built-in address bar and DNS catcher. You can configure that if the user of the toolbar mistypes an URL he will be redirected to YOUR page instead of standard explorer DNS error page. You can also configure the toolbar so that whenever the user enters a word into Explorer address bar he gets redirected to your page.

Catch searches on different search engines.

You can catch the searches that the user does on different search engines so that the keywords he were searching for example on Google or Yahoo will automatically be substituted into the search box of your toolbar. It will take a single click on the toolbar to search using your toolbar for the same keywords.

Popup killer

Destroys unwanted pop-up and pop-under ads. Add this feature to your toolbar and your users will never see annoying pop-ups while surfing the web with your toolbar on. One more advantage for your toolbar users! Popup killer can be configured to count the number of blocked popups and play a sound/change the cursor shape when popup window is blocked.

Dynamic menu contents and buttons:

Menus and submenus can be created from the output of server side scripts (like PHP, Perl CGI or ASP). This can be "Top 10 items", "hot list", "more search results" and so on. You can specify what buttons the toolbar will have and what menu contents to show basing on either the current URL opened in the browser or unique TOOLBAR ID. TOOLBAR ID can be used to give personal appearance and features to your toolbar customers. You can also have multiple toolbar configurations for a single toolbar like the one for logged in users and another for those who is not logged in.

Support for International characters:

Our toolbar supports International characters (UNICODE). German, Spanish, Japanese, Arabic or Chinese – you can easily customize it for any language.

NEW! Multiple configurations:

Several configuration files can be used for the toolbar. This enables you to create several different appearances for your users or have your toolbar in multiple languages.

NEW! Toolbar scripting.

This opens a window into a world of huge opportunities. In our recent version you can script the toolbar or a page that is currently being viewed by your toolbar customer with JavaScript. Implement keyword matching, content analysis or ranking mechanisms into your toolbar. Your customers will be amazed by new features you can make available to them.

Menus and submenus:

Users can access important sections of your Web site quickly and simply by using a drop-down menu on the toolbar. Because you provide users quick links to the most relevant sections of your Web site right from the start, you save them time. Each link can be opened in a new web browser window. You can have unlimited menu items and submenus in IE toolbar.

Hot icons / rollover effect:

Make your toolbar interactive by adding animated icons and images.

Keyword highlighting:

The highlight feature allows your users to locate their search terms on the search results page(s). Clicking the "Highlight" button will highlight all their search terms in different colors on the search results page. The highlight feature is a toggle switch that may be turned on or off simply by clicking on it.

Word Find Feature

Allows your customers to locate the search terms on the page and navigate to them. When you enter your search terms in the search box, extra buttons containing these terms will appear on the right end of the Toolbar. By clicking on these buttons your customers will jump to the next occurrence of that word on the page. Each word has its own button.

News ticker integration:

If you want to keep your users informed and achieve higher interaction level you can put a scrolling news ticker or flashing news notifications on the toolbar. You can implement server side scripts to feed the news to your toolbar customers.

Mini Web page:

You can put a mini webpage on your toolbar. This opens the door to unlimited toolbar content. This way you can put notifications, banners, animations and sounds into your toolbar. You can put this page directly on a toolbar (BANNER feature) or as a minipage that opens up when the user clicks a button in a toolbar (BUBBLE feature).

Zoom in/Zoom out feature:

By making this feature a part of the toolbar your users will be able to adjust the size of the pages they are browsing using the buttons on the toolbar.

User customization

Allows your users to customize the toolbar in a number of ways:

- ? Define what buttons they wish to have on the toolbar
- ? Open a new window to display results each time you search
- ? Auto Complete
- ? Keep a search history in a drop-down list under the search box
- ? Automatically run a search when you select from the search history
- ? Run Search Drag Automatically
- ? Update toolbar automatically

Also your users can set their own preferences like: whether they want text explanations for the buttons or only icons. Select the width of the text box. Select the colors for the menu, and font used in toolbar menus.

Launch external applications

It is possible to run external application as a result of clicking a button or menu item in the toolbar. You can run system commands like open Notepad to edit a file or you can distribute .EXE applications with the toolbar. You can pass the keywords into command line.

Cursor search

With the cursor search feature users can quickly conduct a search on a word or phrase within any Web page by simply highlighting it and right-clicking their mouse selecting appropriate "Search" from the pop-up menu.

NEW! Edit and password boxes

You can put edit boxes on your toolbar you can also put a password box on your toolbar.

Automatic Installation

It's simple for your users. Once downloaded the toolbar gets installed automatically and integrated into user's browser.

Upgrade feature

For your user's convenience, Toolbar is upgradeable. This means that your users will be able to download and install a new version of the Toolbar when additional features or functionality are made available. You can link this feature to any menu item or button in your toolbar. After successful upgrade of the toolbar the user will be redirected to a page that can be defined in configuration file.

Automatic Upgrade

Toolbar can check automatically for the upgrades. This check is performed when a browser is started or periodically. If newer version is available from your website the toolbar will offer your users to download and install this version.

Uninstall feature

This feature allows your users to uninstall the toolbar. You can associate this feature to any menu item or button in your toolbar. After uninstalling of the toolbar the user will be redirected to a special page that can be defined in configuration file.

Clear Search History

The Toolbar remembers your user recent search history. Those searches can be accessed by clicking the down arrow to the right of the search box. The Clear Search History option allows your customers to clear the history on the search box.

Clear cookies / clear history

The Toolbar can clear the cookies and cache of the browser thus allowing your users to maintain their privacy. You can associate this feature to any menu item or button in your toolbar.

About box

Once the user selects "about" item in the menu the popup window will show the latest Toolbar version information and your company details.

Dynamic configuration files

You can put the configuration .XML file within toolbar distributive, but also you can put it on your web sever achieving truly dynamic toolbar behavior. By editing a single text (XML) file on your web server, you can completely change the look and operation of the toolbar without the need for your customers to upgrade the toolbar.

Distribute additional files with your toolbar

You can distribute static HTML pages, Music, Flash and even executable programs (.EXE) with your toolbar. Integrate your .EXE with the toolbar and provide extensive functionality to toolbar users.

Additional visual elements for your toolbar

With Dynamic IE toolbar builder you can add select-style combo boxes to your toolbar, add static texts and buttons with custom graphics. Menu elements can have a custom styles including the color for menu background, color for menu texts you can also specify colors used for highlighting of menu items. In case the toolbar do not fit fully on the desktop of your customer will still be able to access the functionality of buttons and menu items (clicking on a double arrow button and selecting the appropriate element from the pop-up menu).

External toolbar interface

Toolbar has external program interface. You can access toolbar properties (to read or write) via JavaScript and also pass this information to the server in response to the user clicking a button or menu item in the toolbar. Properties, available from JavaScript include current version of the toolbar, Unique Toolbar ID, User ID that you can set/read, user name and user password primary aimed to implement authentication through the toolbar, toolbar settings and configuration. Current URL that the user opened in his browser and current domain are also accessible.

Do not limit your creativity!

Need SMS, quotes, currency converter, translation feature in your toolbar? Make sure to check the developers corner on our website. We have a scripts that will allow you to have all the above. Unsure how to achieve something please contact us at support@besttoolbars.net.

No limits at all!

Unsure if the feature you are looking for is supported. Please ask our sales@besttoolbars.net. Suggest a new feature to us and we will make this feature a part of our next toolbar version that you'll get for FREE. What if you need specific feature? Please ask our development department to implement it for you. Basing on your specifications we will provide free estimation for the development. Our rate for custom software development is \$20USD per hour.

Showcase

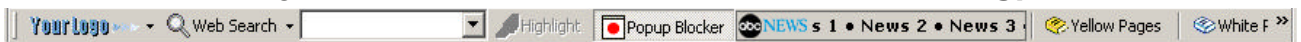
With our Dynamic IE toolbar Builder you can create professionally looking toolbars. For example you can make the visual layout of your toolbar looking as professionally as Google, Yahoo and eBay toolbars.

You can have your toolbar to be functioning like Google toolbar



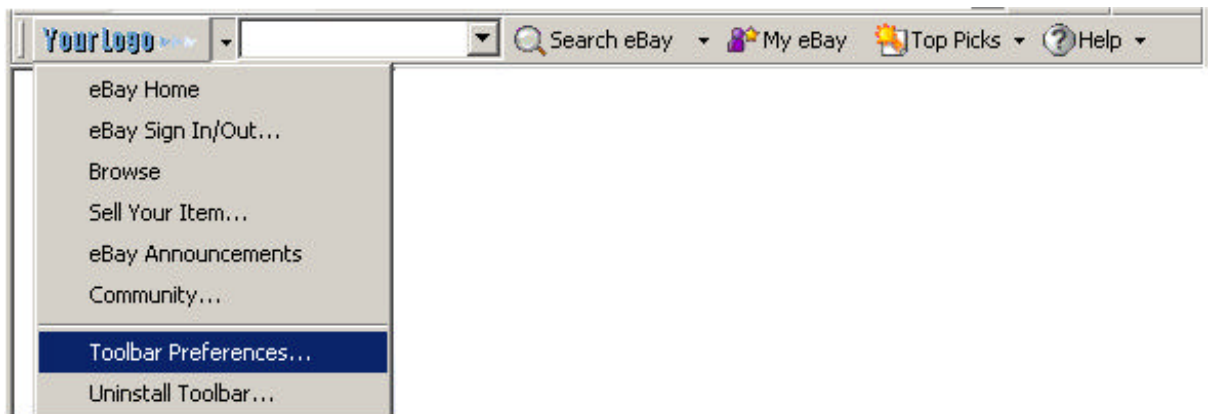
(see the [xml file](#) for this toolbar)

You can build your toolbar with features similar to Dogpile toolbar



(see the [xml file](#) for this toolbar)

You have auctions site – design your toolbar like eBay



(see the [xml file](#) for this toolbar)

Why it is called Dynamic?

The majority of toolbar construction kits allow you to build the Static toolbar. Meaning that if you need to update it -- you would have to create a completely new toolbar, and get your users to upgrade their current version. Dynamic toolbar can include XML files from an HTTP server.

There are 2 modes for synchronizing toolbar with the server:

- 1) Periodically (within defined time intervals)
- 2) toolbar refreshes while user surfs the net.

Plus the toolbar get's synchronized with the server each time the user opens his browser.

Following the first mode you define expiration time for XML files, so it is refreshed periodically at specified intervals of time. To indicate usage of this method, the `sync` property of the `INCLUDE_XML` directive should be set to `onDocumentComplete`. `Expire` attribute is used to define refresh interval in minutes.

The following example will refresh an XML file `news.xml` from the server yourtoolbar.com every ten minutes:

Example:

```
<INCLUDE_XML filename="http://yourtoolbar.com/news.xml?id=%toolbar_id&user=%user_id"
```

```
expire="10"/>
```

Note: there are several substitutable variables in the URL. Substitutable variable names are denoted by the leading percent sign. They will be substituted with actual values when the URL is going to be sent to the server. Please read the manual about substitutable variable names you can use.

If `sync` property is set to `BeforeNavigate` or to `onDocumentComplete` toolbar refreshes each time new document is open in the browser (i.e. while user surfs the net). The difference between `BeforeNavigate` and `onDocumentComplete` is following: the first is triggered before the page is downloaded while the other is triggered after the page downloaded completely.

Example:

```
<INCLUDE_XML filename="http://yourtoolbar.com/news.xml?id=%toolbar_id&user=%user_id" expire="10" sync="BeforeNavigate"/>
```

Manual

The toolbar configuration is obtained from the `basis.xml` file. This file is always distributed with the toolbar. The `basis.xml` file can reference other `.XML` files so that the toolbar configuration is being combined from the several files. The files referenced from `basis.xml` can be located on the server to achieve Dynamic Toolbar behavior. See the documentation for `<INCLUDE_XML>` tag.

The configuration file has to contain `COMMANDS` and `SETTINGS` sections It also has to be enclosed into `<TOOLBAR>` tag.

The simple format for `basis.xml`

```
<?xml version="1.0"?>
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">
  <!--Toolbar definition goes here. -->
  <COMMANDS>
  <!--Toolbar commands goes here. -->
  </COMMANDS>
  <SETTINGS scope="1">
  <!--Toolbar settings goes here. -->
  </SETTINGS>
</TOOLBAR>
```

To make the toolbar dynamic you need to put your configuration file on the server and reference it from the `basis.xml`.

```
<?xml version="1.0"?>
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">
  <INCLUDE_XML filename="http://www.yourserver.com/toolbar/toolbar.xml"/>
</TOOLBAR>
```

In the above example the toolbar configuration is obtained from the server file <http://www.yourserver.com/toolbar/toolbar.xml> . Each time the user opens his browser.

<TOOLBAR> tag:

TOOLBAR tag has the following format:

```
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">
```

Attributes of the `<TOOLBAR>` tag:

- ? name – the name of the toolbar displaying in the menu->view->toolbars of the main browser menu. It also displays as an item in the Start->Control Panel->Software.
- ? icons – Bitmap file containing icons for toolbar. This file is a Windows bitmap file that has to be like the following:



toolbar will supports 16 x 16 pixels icons.

- ? hot_icons – Bitmap file containing hot icons for toolbar (used for rollover effect).
- ? dllname – name of the DLL file with the toolbar. (usually toolbar.dll)

See also: SETTINGS section, COMMANDS section, INCLUDE_XML tag

Adding a button:

To add a new button into toolbar add the following command into the configuration file.

```
<BUTTON id="tb_button_1" caption="Home" img="5" hint="Navigate to homepage" href="http://www.yoursite.com/" command="redirect"/>
```

In the fragment above the caption is text that will be shown near the button. The img attribute contains the index of the image in the **icons.bmp** file.



The img="5" setting will reference the 5th 16 x 16 image in the **icons.bmp** file (the one with an envelope in the above example).

Optional Id attribute contains identifier for the button. This identifier can be used to control visibility of that button from toolbar options page.

The hint setting allows you to specify 'tooltip' text to show when the user rolls the mouse over the button (this is useful to provide some details about the functionality of the button).

The href attribute is the URL of the page to which the user will be redirected when they click on the button (substitutions like %url—current URL the user is visiting, %toolbar_id – unique toolbar id for the toolbar)

The toggle-type button (like popup blocker button) can also have an attribute captionp and imgp that defines the caption and icon for the button in pushed state. The format for <BUTTON> in the latter case is usually following:

```
<BUTTON id="some_id" caption="Blocker disabled" captionp="#cnt# blocked" img="4" imgp="5" command="blockPopups"/>
```

The command attribute is a command action performed by the button. "redirect" means that clicking on a button will redirect the user to a webpage specified in href= attribute. Also the command can reference any command defined in <COMMANDS> section and usually can have the following values:

- ? command="uninstall" – uninstalls the toolbar
- ? command="update" – update the toolbar
- ? command="reload" – reloads the toolbar .XML file.
- ? command="Highlight" – toggles Highlighting of the words in a search page on/off.
- ? command="ZoomIn" and command="ZoomOut" zooms the current HTML page.
- ? command="ClearCookies" – Clears cookies in the user browser.

- ? command="ClearCache" – Clears browser cache.
- ? command="ClearHistory" – Clears search history
- ? command="BlockPopups" – Toggles Pop-up blocker on/off.

By defining additional commands in <COMMANDS> section more sophisticated behavior can be added to the buttons. For example you can define:

```
<WEBJUMP name="search1" href="http://www.google.com/search?q=%combo1&hl=en"/>
```

And reference it from the button as:

```
<BUTTON id="tb_button_search" caption="GO" img="1" hint="" command="search1"/>
```

so that when you click that button search on Google will be performed using the keywords from combo1 combobox.

See also: controlling the elements visibility, Options page, Button with an image, defining button images as transparent.

BUTTON with an image

The image can be displayed on and of the toolbar buttons. The image has to be 16 pixels height windows bitmap (.bmp) file.

```
<BUTTON caption="" img="" hint="" href="http://www.yourtoolbar.com" command="redirect">
<MENU img="your_button.bmp" hot_img="hot_button.bmp" type="Split">
  <ITEM caption="Your Home Page" img="13" hint="" href="http://www.yourtoolbar.com/"
  command="redirect"/>
  <ITEM caption="Uninstall Toolbar" img="" hint="" command="uninstall"/>
</MENU>
</BUTTON>
```

The image to be displayed is specified by the optional `img=` attribute of the <MENU> tag. The image can have a rollover effect if you specify optional `hot_img=` attribute of the <MENU> tag. Image and hot image for the button must have the same width.

See also: Adding a button, defining button images as transparent, <MENU> tag.

Defining button images as transparent

The pixel in the upper left corner of the image is considered to be transparency color. All other pixels with the same color are displayed as transparent. Please note that you should use a "windows palette" for your images.

Adding a menu



You can make a menu to appear when the button is clicked. If you have the following button in your toolbar:

```
<BUTTON caption="The caption you need" img="5" hint="hint"
href="http://www.yourtoolbar.com/somepage.com" command="redirect"/>
```

you can easily add the menu to be displayed when the button is clicked by inserting <MENU></MENU> tags shown below:

```
<BUTTON caption="The caption you need" img="5" hint="hint"
href="http://www.yourtoolbar.com/somepage.com" command="redirect">
  <MENU type="Single">
    <ITEM caption="Login" img="1" hint="" href="http://www.yourtoolbar.com/login.asp"
    command="redirect"/>
    <SEPARATOR/>
    <ITEM caption="Forgot password?" img="4" hint=""
    href="http://www.yourtoolbar.com/forgotpassword.asp" command="redirect"/>
  </MENU>
</BUTTON>
```

Please note that the <BUTTON ... /> split to <BUTTON> ... </BUTTON>

In the example above the menu will pop-up when the button is clicked. The menu can have 2 different types: type="Single"  and type="Split" . In the latest case the button itself will redirect the user to one location but clicking on arrow will show the menu.

```
<BUTTON caption="The caption you need" img="5" hint="hint"
```

```
href="http://www.yourtoolbar.com/somepage.com" command="redirect">
  <MENU type="Split">
    <ITEM caption="Login" img="1" hint="" href="http://www.yourtoolbar.com/login.asp
    command="redirect"/>
    <SEPARATOR/>
    <ITEM caption="Forgot password?" img="4" hint=""
    href="http://www.yourtoolbar.com/forgotpassword.asp" command="redirect"/>
  </MENU>
</BUTTON>
```

Adding new menu item

To add new menu item to the existing menu or submenu just place the following line in between <MENU></MENU> tags:

```
<ITEM id="itm_mypage1" caption="My menu item" img="1" hint=""
href="http://www.yourtoolbar.com/mypage.html" command="redirect"/>
```

In the above fragment the caption is the text that will be shown in the menu.

The img attribute contains the index of the image in the **icons.bmp** file.

This file is a Windows bitmap file that has to be like the following:



The toolbar supports 16 x 16 pixels bitmaps on the toolbar buttons.

The img="1" setting will reference the first 16 x 16 image in the **icons.bmp** file. (It is the picture with a smiling sun in this example).

Optional Id attribute contains identifier for the menu item. This identifier can be used to control visibility of that button from toolbar options page.

The hint setting allows you to specify the text that will be shown in the browser status line when the customer rolls the mouse over the menu item.

The href attribute is the URL of the page to which the user will be redirected when they chose the item from the menu.

The command="redirect" is a command action for the menu item and means that choosing this menu item the toolbar will redirect the user to another location on the web. By defining additional commands you can link more sophisticated behavior to the menus.

The command can also be:

- ? command="uninstall" – uninstalls the toolbar
- ? command="update" – update the toolbar
- ? command="reload" – reloads the toolbar .XML file.
- ? command="Highlight" – toggles Highlighting of the words in a search page on/off.
- ? command="ZoomIn" and command="ZoomOut" zooms the current HTML page.
- ? command="ClearCookies" – Clears cookies in the user browser.
- ? command="ClearCache" – Clears browser cache.
- ? command="ClearHistory" – Clears search history
- ? command="BlockPopups" – Toggles Pop-up blocker on/off.

You can define additional commands in <COMMANDS> section of the configuration file.

Adding submenu items

This is done in the same way as adding new menu items. The only difference is that you have to put the <item> tag between of two another <item> tags. The following fragment of configuration file demonstrates this. (It defines 2 submenu items called "History" and

"Science" under a menu item called "Books". The menu itself is shown when the user clicks the "Order" button):

```
<BUTTON caption="Order" img="18" hint="" href="http://www.yourtoolbar.com/shop"
command="redirect">
<MENU type="Split">
  <ITEM caption="Books" img="1" hint="" href="" command="redirect">
    <ITEM caption="History" img="1" hint=""
href="http://www.yourtoolbar.com/shop/category.asp?a=history" command="redirect"/>
    <ITEM caption="Science" img="1" hint=""
href="http://www.yourtoolbar.com/shop/category.asp?a=Science" command="redirect"/>
  </ITEM>
</MENU>
</BUTTON>
```

You can have unlimited number of menu items and submenu items you can also define sub-sub menu items.

<SEPARATOR/> tag

Inserts a horizontal or vertical separator line between menu or submenu items or between buttons. The separator is useful to divide the items that are logically different.

```
<ITEM caption="Login" img="1" hint="" href="http://www.yourtoolbar.com/login.asp"
command="redirect"/>
<SEPARATOR/>
<ITEM caption="Forgot password?" img="4" hint=""
href="http://www.yourtoolbar.com/forgotpassword.asp" command="redirect"/>
```

In the above fragment <SEPARATOR/> will insert the line in between "login" and "Forgot password?" menu items.

Making HTML Mini page to pop-up

This is done in the same way as adding menu. The only difference is that you have to put the <bubble> tag in between <BUTTON> </BUTTON> tags like it is shown in a following fragment of configuration file. The below defines an HTML mini webpage to pop-up when the arrow on the left of the button is clicked.

```
<BUTTON .....>
  <BUBBLE type="Split" width="500" height="200"
href="http://www.yourtoolbar.com/tb/bubble.html"/>
</BUTTON>
```

Attributes of the <BUBBLE> tag:

- ? type – type of the <BUBBLE> define whether it is displayed when the button is pressed or when the arrow near the button is pressed (the button then can have a separate action associated). Type="Single" and type="Split" .
- ? Width – width of the HTML mini page in pixels.
- ? Height – height of the HTML mini page in pixels.
- ? href – URL of the html page to show in the Mini page. Can be local .html file or URL pointing to some page in the internet.

Setting background image and colors for the toolbar

In the <SETTINGS></SETTINGS> section of the configuration files please find the sub-section <COLOR_SCHEMA> </COLOR_SCHEMA>. The colors are defined as RGB triples so light red is "255,0,0" and green is "0,255,0" and so on. The following can be defined:

```
<COLOR_SCHEMA>
  <!-- Toolbar skin image -->
  <TOOLBAR_SKIN></TOOLBAR_SKIN>

  <!-- Toolbar color -->
  <TOOLBAR_FACE></TOOLBAR_FACE>

  <!-- Menu background color -->
  <MENU></MENU>
```

```
<!-- Selected menu background color -->
<SELECTED_MENU_ITEM></SELECTED_MENU_ITEM>

<!-- Text color in menu items -->
<TEXT></TEXT>

<!-- Text of item(s) selected in a menu -->
<HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

<!-- Grayed (disabled) text in a menu -->
<GRAY_TEXT></GRAY_TEXT>

<!-- Highlight color for three-dimensional display elements (for edges
facing the light source.) -->
<HIGHLIGHT3D></HIGHLIGHT3D>

<!-- Shadow for three-dimensional display elements. -->
<SHADOW3D></SHADOW3D>

</COLOR_SCHEMA>
```

Combo boxes <COMBO> tag

You can add editable combo box search field to the toolbar. To do this you need to use <COMBO> tag. Example:

```
<COMBO id="se_search_text" name="se_search_text" hint=""
  command="musicSearch" limit="40" histmax="10">
  <WIDTH>100</WIDTH>
</COMBO>
```

Attributes of the COMBO tag are following:

- ? Name specifies the name of the search box. Combo box text can be accessed via substitutable variable like this:
http://www.yourtoolbar.com/search?q=%se_search_text
- ? Hint - specifies the message that will pop-up when the user rolls the mouse over the Search box.
- ? Command specifies the WEBJUMP command to be executed when the user clicks "Enter" or just "drag-and-drops" text fragments into the search box. See the commands section below on how to define the WEBJUMP command like the one below.

```
<WEBJUMP newbrowserwindow="false" href="http://www.yourtoolbar.com/search?q=%se_search_text"
name="musicSearch"/>
```

- ? Limit specifies how many characters the user can type into that Search field (maximal length of the search terms).
- ? Histmax - how many items to keep in Search box history.
- ? Optional Id attribute contains identifier for the <COMBO>. This identifier can be used to control visibility of that combobox from toolbar options page.
- ? Using <WIDTH>100</WIDTH> you can specify the width for that Search box in pixels. You can specify several widths for the combo box. The default value is usually the first in the list. The other values are the values that the customer can choose from the "options page" as defined in <SETTINGS> section (see below).

Select - type combo boxes (non-editable)

You can add a non-editable combo box using <COMBO> tag. Accompanied with <VALUE> tag. For example:

```
<COMBO id="se_search_option" name="se_search_option" hint=""
command="musicSearch">
```

```
<WIDTH>100</WIDTH>
<VALUE display="Artist" >Artist</VALUE>
<VALUE display="Single" >Single</VALUE>
<VALUE display="Album" >Album</VALUE>
</COMBO>
```

In that case the following attributes are supported:

- ? Name specifies the name of the search box. Combo box text can be accessed via substitutable variable like this:
http://www.yourtoolbar.com/search?type=%se_search_option. Actually when the user selects one of the options from the list the value specified in display= will be substituted instead of %se_search_option.
- ? Hint - specifies the message that will pop-up when the user rolls the mouse over the Search box.
- ? Command specifies the WEBJUMP command to be executed when the user clicks "Enter" or just "drag-and-drops" text fragments into the search box. See the commands section below on how to define the WEBJUMP command like the one below.

```
<WEBJUMP newbrowserwindow="false"
href="http://www.kwiklink.com.au/toolbar.php?se=%se_search_option&q=%se_search_text"
name="musicSearch" />
```

- ? Optional Id attribute contains identifier for the <COMBO>. This identifier can be used to control visibility of that combobox from toolbar options page.
- ? Using <WIDTH>100</WIDTH> you can specify the width for that combo box in pixels. You can specify several widths for the combo box. The default value is usually the first in the list. The other values are the values that the customer can choose from the "options page" as defined in <SETTINGS> section (see below).

Creating a text label in the toolbar

You can create label by using a <TEXT> tag:

```
<TEXT id="tb_text" hint="Some hint" caption="Some text"/>
```

In the fragment above the caption attribute contains the text to be shown.

Optional Id attribute contains identifier for the text label. This identifier can be used to control visibility of that text label from the toolbar options page.

The hint setting allows you to specify 'tooltip' text to show when the user rolls the mouse over the button (this is useful to provide some more detailed information).

Optional img attribute contains the index of the image in the **icons.bmp** file.

Creating a Edit box in the toolbar

You can create an edit box inside the toolbar using <EDIT > tag:

```
<EDIT id="edt_user" name="edt_user" hint=""
command="loginuser" limit="40">
<WIDTH>100</WIDTH>
</EDIT>
```

Attributes of the EDIT tag are following:

- ? Name specifies the name of the edit box. Edit box text can be accessed via substitutable variable like this:
http://www.yourtoolbar.com/login.php?username=%edt_user
- ? Hint - specifies the message that will pop-up when the user rolls the mouse over the edit box.
- ? Command specifies the WEBJUMP command to be executed when the user clicks "Enter" or just "drag-and-drops" text fragments into the edit box. See the commands

section below on how to define the WEBJUMP command like the one below.

```
<WEBJUMP newbrowserwindow="false" href="http://www.yourtoolbar.com/login.php?username=%edt_user" name="loginuser"/>
```

- ? Limit specifies how many characters the user can type into that edit box (maximal length of the search terms).
- ? Optional Id attribute contains identifier for the <EDIT>. This identifier can be used to control visibility of that edit box from the toolbar options page.
- ? Using <WIDTH>100</WIDTH> you can specify the width for that edit box in pixels. You can specify several widths for the edit box. The default value is usually the first in the list. The other values are the values that the customer can choose from the "options page" as defined in <SETTINGS> section (see below).

Creating a Password box in the toolbar

You can create a password box (that marks all the characters entered as *) using <PASSWORD> tag:

```
<PASSWORD id="pwd_user" name="pwd_user" hint="" command="loginuser" limit="40">
  <WIDTH>100</WIDTH>
</EDIT>
```

Attributes of the PASSWORD tag are following:

- ? Name specifies the name of the password box. Password box text can be accessed via substitutable variable like this:
http://www.yourtoolbar.com/login.php?username=admin&pwd=%pwd_user
- ? Hint - specifies the message that will pop-up when the user rolls the mouse over the password box.
- ? Command specifies the WEBJUMP command to be executed when the user clicks "Enter" or just "drag-and-drops" text fragments into the password box. See the commands section below on how to define the WEBJUMP command like the one below.

```
<WEBJUMP newbrowserwindow="false" href="http://www.yourtoolbar.com/login.php?username=admin&pwd=%pwd_user" name="loginuser"/>
```

- ? Limit specifies how many characters the user can type into that password box (maximal length of the string accepted).
- ? Optional Id attribute contains identifier for the <PASSWORD>. This identifier can be used to control visibility of that password box from the toolbar options page.
- ? Using <WIDTH>100</WIDTH> you can specify the width for that password box in pixels. You can specify several widths for the edit box. The default value is usually the first in the list. The other values are the values that the customer can choose from the "options page" as defined in <SETTINGS> section (see below).

Using popup-blocker feature:

Pop-up blocker will block pop-up messages when it is turned on. When it is on it can play a sound and change the cursor shape when the popup window is blocked. The number of pop-ups blocked can be displayed on the toolbar.

To place a popup-blocker button add a button with command set to blockPopups:

```
<BUTTON id="tb_blockPopups" img="1" caption="Block Popups" command="blockPopups"/>
```

The popup-blocker button can also have different text and icon when it is on. This is controlled using the imgp and captionp attributes:

```
<BUTTON id="some_id" caption="Blocker disabled" captionp="#cnt# blocked" img="4" imgp="5" command="blockPopups"/>
```

In the above example #cnt# is a special variable that will be substituted by the total number of blocked pop-ups.

To play a sound when the pop-up window is blocked you can use optional attribute wave= of BLOCKPOPUPS command in <COMMANDS> section. Optional attribute cursor= of the BLOCKPOPUPS is used to define a cursor that will be shown for a short period of time when the popup is blocked.

```
<BLOCKPOPUPS name="blockPopups" default="0" cursor="blocked.cur" wave="click.wav"/>
```

Any .WAV and .CUR file can be used. To include this file into the distributive (.CAB or .EXE) please reference the files via LOCALHTML command in COMMANDS section of the toolbar configuration file.

```
<LOCALHTML name="wav" href="click.wav"/>  
<LOCALHTML name="cursor" href="blocked.cur"/>
```

To change the message that appears in a status bar of the IE when a pop-up is blocked please change the MESSAGE tag:

```
<MESSAGE id="PopStop" default="Pop-up window blocked"/>
```

NOTE: To turn pop-up blocker on by default use default="1" as an attribute of the BLOCKPOPUPS command in between <COMMANDS </COMMANDS> tags.

```
<BLOCKPOPUPS name="blockPopups" default="1"/>
```

Using highlight feature:

Highlighting allows to mark the search keywords with different colors in a webpage. To place a highlight button add a button with command set to Highlight:

```
<BUTTON caption="" hint="Toggle highlighting of search terms on this page" id="tb_btn_KVasNoxV" img="99" command="Highlight"/>
```

The colors used for highlighting are got from <HIGHLIGHT> subsection of the <SETTINGS> in configuration file. The example below

```
<HIGHLIGHT>  
  <COLOR>F6FF00</COLOR>  
  <COLOR>00FFE4</COLOR>  
  <COLOR>5AFF00</COLOR>  
  <COLOR>0087FF</COLOR>  
  <COLOR>FFCC00</COLOR>  
  <COLOR>FF00F0</COLOR>  
</HIGHLIGHT>
```

defines that in total 6 different colors will be used to highlight the search keywords within a webpage. The first keyword located will be Highlighted with F6FF00 color (yellow), the next will be highlighted with 00FFE4 (Cyan) and so on.

Enabling the word-find feature

Word find feature will display the buttons in the rightmost position on the toolbar with the keywords. Clicking on that button will move the focus on the current webpage to the next occurrence of the keyword. This feature always uses the icon number 1 from the icons file. To enable word-find please change settings for ShowFindButtons from default="0" to 1:

```
<CHECKBOX id="ShowFindButtons" default="1"/>
```

<INCLUDE_XML> tag

INCLUDE_XML tag allows you to implement many important functionalities including Dynamic toolbar features and Multiple configurations. With the help of this tag you can achieve toolbar interaction with the server allowing to have dynamic menus and notifications in your toolbar. Being combined with macro substitutions as Toolbar ID, User ID, Username, UserPassword and current URL, curret domain this allows to achieve personal appearance for the toolbar users and provide targeted toolbar content.

The basic format for the INCLUDE_XML is following:

```
<INCLUDE_XML filename="http://www.yourserver.com/toolbar/toolbar.xml"/>
```

This will tell the toolbar to query the file located on your server at <http://www.yourserver.com/toolbar/toolbar.xml> each time the browser with the toolbar is open. Changing this file on your server will allow to dynamically change the toolbar appearance of your toolbar for all your customers. The following attributes are supported for INCLUDE_XML tag:

- ? filename – is a reference to a file that can either be made a part of toolbar distributive (then it can be referenced as tb12.xml" or this can be a server side file like <http://www.yourtoolbar.com/toolbarconf.xml>. This can also contain a reference to a server side script and macro substitutions as in the below example:

```
<INCLUDE_XML filename="http://yourtoolbar.com/news.php?URL=%toolbar_id"/>
```

- ? expire – defines the period in minutes to refresh the file. The default value is 0 so the XML file is only refreshed when the browser starts. Setting this to non-zero value will allow to refresh XML file periodically. So that you can notify the users while they surf the internet.

```
<INCLUDE_XML filename="http://yourtoolbar.com/news.xml?id=%toolbar_id&user=%user_id" expire="10"/>
```

- ? layout – this numeric attribute is used to achieve multiple toolbar configurations. The default setting for this attribute is 0. The toolbar will use the layout="0" to parse the XML files. Using the special command CHANGELAYOUT you can change the layout used for the toolbar achieving multiple toolbar configurations.
- ? sync – this optional property is used to trigger the refresh of the XML file after or before the page visit. The possible options are: BeforeNavigate or onDocumentComplete the XML is refreshed each time new document is open in the browser (i.e. while user surfs the net). The difference between BeforeNavigate and onDocumentComplete is following: the first is triggered before the page is downloaded while the other is triggered after the page was downloaded completely.

```
<INCLUDE_XML filename="http://yourtoolbar.com/news.xml?id=%toolbar_id&user=%user_id" sync="BeforeNavigate"/>
```

- ? urltemplate – is used in conjunction with the sync property to trigger the synchronization only when specific pages are visited. This is useful to update the toolbar appearance after the user accesses specific sites or even specific pages on that sites. You can specify web page name here or website name. urltemplate="specialpage.php" or urltemplate="www.specifcsite.com"

Using multiple configurations for your toolbar

To use multiple configuration for the toolbar you need to define several includable .xml files via <INCLUDE_XML> tag with different numeric values for the layout=. To switch between layouts the command CHANGELAYOUT is used. This command can be associated with any button or menu item so clicking the button will change the appearance of the toolbar instantly. Most usual use for mutiple layouts is mutilanguage toolbar. The multiple layouts are achieved with the following:

```
...
<INCLUDE_XML filename="tb_english.xml" layout="0"/>
<INCLUDE_XML filename="tb_german.xml" layout="0"/>
...
<COMMANDS>
  <CHANGELAYOUT name="to_eng" layout="0"/>
  <CHANGELAYOUT name="to_ger" layout="1"/>
  <LOCALHTML name="options" href="options.html"/>
</COMMANDS>
...
```

Associate any button or menu item with a command "to_ger" and clicking on it will immediately trigger the toolbar to parse tb_german.xml.

Macro substitutions

There are a lot of variables available in the toolbar that can be substituted into the url that is the toolbar uses for BANNER, BUBBLE, INCLUDE_XML tags. This substitutions can also be put into URL that open after the user presses the button or menu item. The following macro substitutions are available:

%toolbar_id – unique toolbar ID (generated automatically unique for each toolbar installation)

%toolbar_version – toolbar version.

%currentlayout – current layout used for the toolbar (see CHANGELAYOUT command)

%url – current URL open in the browser.

%domain – current domain of the site open in the browser.

%user_name – user name (this variable is used to store the username. The value for this variable can be set via Javascript).

%user_pass – user password. (this variable is used to store the password. The value for this variable can be set via Javascript).

%user_id – user ID. (this variable contains userid and value for this variable can be set via Javascript).

Plus you can substitute the value currently entered into any <PASSWORD>, <EDIT> or <COMBO> control by preceding the name of that control with the percent sign.

%<combo_name> - text from combo box with specified name.

```
<INCLUDE_XML  
filename="http://www.yoursite.com/getrank.asp?toolbar_id=%toolbar_id&URL=%url"  
sync="OnDocumentComplete"/>
```

Accessing toolbar properties via Javascript

Via the Javascript it is possible to access the toolbar properties. So that HTML page can interact with the toolbar. Some of the options are read only.

Properties, accessible using JavaScript:

- o ver – toolbar version. (read only)
- o toolbarid – unique identifier of the toolbar (read only)
- o userid
- o username
- o userpasswd (write only)
- o url – current URL (read only)
- o domain – current domain (read only)
- o afterinstallurl
- o updateurl
- o afterupdateurl
- o afteruninstallurl
- o autoupdate – flag used to update itself automatically.

Toolbar also exposes a method named Reload() that you can use from Javascript to reload the contents of the toolbar. That is very useful if you have dynamic inclusions via INCLUDE_XML in your toolbar to refresh the toolbar only when required.

To access the toolbar via Javascript you need to implement a Javascript function called ToolBarInit into HTML page. See the example below:

```
<HTML>  
<script>  
var MyTool=null;  
function ToolBarInit(tool)
```

```

{
  MyTool=tool;
}
function setname()
{
  if(MyTool) {
    MyTool.userName='username';
    MyTool.userid='3892';
    MyTool.userpasswd='passwd';
  }
}
</script>
<body onload="">
  <Button onclick="setname()">Set variables</button>
</body>
</HTML>

```

Using national non-latin symbols in the toolbar

You should write them using the Unicode notation, like `ä` for the symbol ä. Where 00FE is the code for the symbol. You can look for the symbols' codes at <http://www.unicode.org/charts/>

For example: for symbols such as äöå (äåö) need to write them in your XML file in a following manner:

```
&#x00E4;&#x00F6;&#x00E5
```

Alternately, you can use the "UTF-8" encoding for the toolbar XML file.

Using Cursor search

You need to have a combo or editbox on your toolbar to which the search query will be put into.

```
<COMBO id="tb_search_area" name="search_combo_box" caption="Search" hint="enter text to search"
command="search1" limit="40" histmax="10">
```

In the `<SETTINGS>` section of the configuration you should add a setting like the following one:

```
<URL id="contextSearch" default="http://www.yourtoolbar.com/search.php?query=%search_combo_box"/>
```

Use the same name as you had used for the combo box above with a percent sign before it. It will be replaced by the value selected within the webpage.

The setting

```
<MESSAGE id="contextMenuItemName" default="Toolbar search"/>
```

controls the item name that appears in IE menu.

Catching search queries

Users can search via different search engines like Google or Yahoo. You can catch the search terms and put them into a search box on your toolbar so your users will have an option to get a results from your engine by simply clicking a button.

Given the EXTERNAL_SEARCH setting provided the toolbar will parse and URL that is being accessed and will extract keywords. The following example will catch the searches done on Google and put the keywords into search box named combo1:

```
<EXTERNAL_SEARCH target="combo1" engine="http://www.google.com/search" param="q="/>
```

DNS catcher program configurable from XML:

To use this feature you need to add the following code to the `<SETTINGS>` section of the XML file:

```
<DNSCATCH href="http://yoursite.com/search?text=%s"/>
```

%s will be replaced with the site url that was not found.

Address bar search capturing configurable from XML:

To use this feature you need to add the following code to the <SETTINGS> section of the XML file:

```
<AUTOSEARCH href="http://yoursite.com/search?text=%s"/>  
%s will be replaced with the word being searched.
```

Ability to change the default homepage configurable in XML

You may add the following line to the <SETTINGS> section of the toolbar .XML file and the default homepage of the user will be set to the one you defined

```
<HOMEPAGE href="http://yoursite.com/" />
```

Using commands for the toolbar

You can define the following commands:

<WEBJUMP>, <LOCALHTML>, <CHANGELAYOUT >. There is a number of reserved commands like <CLEARHISTORY>, <CLEARCACHE>, <CLEARCOOKIES>, <HIGHLIGHT>, <BLOCKPOPUPS>, <UNINSTALL> and <UPDATE>.

The <LOCALHTML> tag is used to reference HTML pages, and other local files that you distribute with your toolbar (in the toolbar download package).

For example when you distribute an HTML page called myinfo.html and would like it to be opened in a new "modal" browser window you can define the following command:

```
<LOCALHTML name="myinfo" href="myinfo.html" newbrowserwindow="modaldialog"/>
```

A Modal browser window means that you have to close it prior to accessing other browser windows

The options possible for the newbrowserwindow attribute are: "true", "false" and "modaldialog". True means that the html page will be opened in a new window, false means that it will be opened in the same browser window and modaldialog means that it will be opened in a new window that has to be closed before the user can continue to browse (useful for dialog-box pages). Another attribute that is supported by LOCALHTML command is options attribute that defines how the open window is formatted. The below is an example of using options= :

```
<LOCALHTML href="about.html" name="about" newbrowserwindow="modaldialog"  
options="status:no;help:no;dialogHeight:220px;dialogWidth:450px;scroll:no;" />
```

The syntax for WEBJUMP command is following:

```
<WEBJUMP name="newcommand1" href="http://yourtoolbar/somepage.html" newbrowserwindow="false"/>
```

All LOCALHTML attributes are supported for WEBJUMP command. Plus it is possible to use one additional attribute post=. This allows to send a data via HTTP POST request (submitting a form) instead of HTTP GET.

```
<WEBJUMP name="newcommand1" post="var1=%combol&amp;var2=%domain"/>
```

The syntax for CHANGELAYOUT command is:

```
<CHANGELAYOUT name="to_german" layout="1"/>
```

There are 2 attributes: name – that is used to reference the command from the button or manu item, layout – defines the numeric value for the layout to switch to.

The syntax for reserved commands is following:

```
<!--Clears history in combo boxes -->  
<CLEARHISTORY name="clearhistory"/>
```

```
<!--Highlights combo text in document -->  
<HIGHLIGHT name="Highlight"/>
```

```
<!-- Reloads toolbar from XML -->  
<RELOAD name="reloadToolbar"/>
```

```
<!--Popup windows killer (toggle) default = 1(enable function)/0(disable function) -->
<BLOCKPOPUPS name="blockPopups" cursor="blocked.cur" wave="click.wav" default="1"/>

<!-- Erases browser cookies for the current user of computer-->
<CLEARCOOKIES name="clearCookies" message="This will erase your cookies. Are you sure?"/>

<!-- Erases browser cache for the current user of computer-->
<CLEARCACHE name="clearCache" message="This will erase your cache. Are you sure?"/>

<UNINSTALL name="uninstall"/>

<UPDATE name="update"/>
```

The command definitions have to be placed in between `<COMMANDS>` `</COMMANDS>` tags in the configuration file.

A defined command can be associated with any button:

```
<BUTTON caption="The caption you need" img="5" hint="hint" command="newcommand1"/>
menu item:
```

```
<ITEM caption="My menu item" img="" command="newcommand1"/>
or COMBOBOX, EDIT or PASSWORD control.
```

Using `<SETTINGS>` section

This section usually looks like this:

```
<SETTINGS scope="10">

    <MESSAGE id="corruptedMsg" default="One of the XML files is corrupted or invalid.
Press OK to uninstall."/>
    <MESSAGE id="uninstallMsg" default="This will remove the Toolbar from your
computer! Are you sure?"/>
    <MESSAGE id="updateMsg" default="This will try to update the Toolbar from the
server. Continue?"/>
    <MESSAGE id="autoUpdateMsg" default="New version of Toolbar is available. Would
you like to download and install new version?"/>
    <MESSAGE id="versionError" default="Can not find current version information."/>
    <MESSAGE id="connectionError" default="Can't establish a connection."/>
    <MESSAGE id="lastVersionMsg" default="You have the latest version of the
Toolbar."/>
    <MESSAGE id="contextMenuItemName" default="Toolbar search"/>
    <MESSAGE id="closeAllWindowsForUpdate" default="All running IE Windows will be
closed before updating the Toolbar. Continue?"/>
    <MESSAGE id="UpdateError" default="Unable to update toolbar"/>

    <URL id="firstURL"
default="http://www.yourtoolbar.com/toolbar/toolbar.asp#how?toolbar_id=%toolbar_id"/>
    <URL id="serverpath" default="http://www.yourtoolbar.com/toolbar"/>
    <URL id="updateUrl" default="http://www.yourtoolbar.com/toolbar/toolbar.cab"/>
    <URL id="urlAfterUpdate"
default="http://www.yourtoolbar.com/toolbar/toolbar_update.asp?toolbar=update"/>
    <URL id="urlAfterUninstall"
default="http://www.yourtoolbar.com/toolbar/toolbar_update.asp?toolbar=uninstall"/>
    <URL id="contextSearch"
default="http://www.yourtoolbar.com/q_a/qa_search_results.asp?SearchType=All&author=A
ll&page=1&question=%combol"/>

    <CHECKBOX id="OpenNew" default="0"/>
    <CHECKBOX id="AutoComplete" default="1"/>
    <CHECKBOX id="KeepHistory" default="1"/>
    <CHECKBOX id="RunSearchAutomatically" default="1"/>
    <CHECKBOX id="RunSearchDragAutomatically" default="1"/>
    <CHECKBOX id="DescriptiveText" default="1"/>
    <CHECKBOX id="ShowHighlightButton" default="1"/>
    <CHECKBOX id="ShowFindButtons" default="0"/>
    <CHECKBOX id="UpdateAutomatically" default="0"/>

    <COMBO id="EditWidthcombol" default="1"/>

    <COMBO id="EditWidthcombo2" default="2"/>

    <RADIO name="EditWidthcombol" default="1">
        <id>Widthcombol</id>
```

```

        <id>Widthcombol1</id>
        <id>Widthcombol2</id>
    </RADIO>

    <RADIO name="EditWidthcombo2" default="2">
        <id>Widthcombo20</id>
        <id>Widthcombo21</id>
        <id>Widthcombo22</id>
    </RADIO>

    <FONT name="Tahoma" size="13"/>

    <HIGHLIGHT>
        <COLOR>F6FF00</COLOR>
        <COLOR>00FFE4</COLOR>
        <COLOR>5AFF00</COLOR>
        <COLOR>0087FF</COLOR>
        <COLOR>FFCC00</COLOR>
        <COLOR>FF00F0</COLOR>
    </HIGHLIGHT>

    <COLOR_SCHEMA>

        <!-- Toolbar skin image -->
        <TOOLBAR_SKIN></TOOLBAR_SKIN>

        <!-- Toolbar color -->
        <TOOLBAR_FACE>235,233,217</TOOLBAR_FACE>

        <!-- Menu background color -->
        <MENU>235,233,217</MENU>

        <!-- Selected menu background color -->
        <SELECTED_MENU_ITEM>170, 0, 0</SELECTED_MENU_ITEM>

        <!-- Text color -->
        <TEXT></TEXT>

        <!-- Text of item(s) selected in a menu -->
        <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

        <!-- Grayed (disabled) text in a menu -->
        <GRAY_TEXT></GRAY_TEXT>

        <!-- Highlight color for three-dimensional display elements (for edges
        facing the light source.) -->
        <HIGHLIGHT3D></HIGHLIGHT3D>

        <!-- Shadow for three-dimensional display elements. -->
        <SHADOW3D></SHADOW3D>

    </COLOR_SCHEMA>

    <EXTERNAL_SEARCH target="combol"
engine="http://www.yourtoolbar.com/q_a/qa_search_results.asp" param="question=" />
    <EXTERNAL_SEARCH target="combol"
engine="http://www.yourtoolbar.com/research/rr_search_results.asp" param="SearchCriteria=" />
    <EXTERNAL_SEARCH target="combol"
engine="http://www.yourtoolbar.com/articles/articles_search_results.asp"
param="SearchCriteria=" />
    <EXTERNAL_SEARCH target="combol1" engine="http://www.google.com/search"
param="q=" />
    <EXTERNAL_SEARCH target="combol" engine="http://search.microsoft.com/default.asp"
param="qu=" />
</SETTINGS>

```

This section contains all the settings that you may decide to adjust.

The attribute scope defines a time-out interval (in hours) which toolbar uses to check for updates when it works in auto-update mode (see below).

The first few items are <MESSAGE/> tags. Those tags are used to define the messages that the toolbar shows.

The next few items are the URLs used for update, auto-update and other redirect URLs:

<URL id="firstURL" default="http://... "/> - this contains the URL of the page that is shown just after user have installed the toolbar. You can put any URL you like (it can be your "member center" page, "thank you" page or just entry page of your website).

<URL id="serverpath" default="http://... /toolbarinstfolder/"> - this has to contain the path to the folder where the toolbar installation files are stored. This folder is used to store .cab file with all the contents of the toolbar package. It is also required that version.txt file is located in that folder.

<URL id="updateUrl" default=" http://... /toolbarinstfolder/toolbar.cab"/> - this URL is used to download the newer toolbar package when the customer chooses "update toolbar". The update will only happen if the version.txt file contains a version greater than the one that is upgraded.

<URL id="urlAfterUpdate" default=" http://... /afterupdate.html"/> - this page is shown after successful update of the toolbar.

<URL id="urlAfterUninstall" default=" http://... /afteruninstall.html"/> - this page is shown after uninstalling of the toolbar.

<URL id="contextSearch" default="http://...?q=%combo1"/> - this URL is used for search selected text from the current HTML document via IE context menu (right-click search).

The next few lines contain default values for the items that are shown on the user "options page". The default values can be adjusted to make the options default to on or off.

<CHECKBOX id="OpenNew" default="0"/> - open a new browser window each time the user clicks search? (0-not, 1 -yes)

<CHECKBOX id="AutoComplete" default="1"/> - Use auto-completion feature of the search box (it suggests the text based on the portion of the text being typed based on what searches are stored in history) (0-not, 1 -yes)

<CHECKBOX id="KeepHistory" default="1"/> - Keep the history of the searches? (0-not, 1 -yes)

<CHECKBOX id="RunSearchAutomatically" default="1"/> - Execute the search automatically after the text string were picked from the history? (0-not, 1 -yes)

<CHECKBOX id="RunSearchDragAutomatically" default="1"/> - Execute the search after "drag-n-drop" into search box? (0-not, 1 -yes)

<CHECKBOX id="DescriptiveText" default="1"/> - Show only icons in toolbar (=0) or show the full text descriptions of the buttons (=1).

<CHECKBOX id="ShowHighlightButton" default="1"/> - The highlight feature is turned on if that value is 1 and it is off when 0.

<CHECKBOX id="ShowFindButtons" default="0"/> - Word find feature is turned on if 1 and off if that is 0

<CHECKBOX id="UpdateAutomatically" default="0"/> - Perform auto-update automatically each time the browser is open? (0-not, 1 -yes)

<COMBO id="EditWidthcombo1" default="1"/>

<COMBO id="EditWidthcombo2" default="2"/>

- Default widths for combo boxes. The "default" number is an index of <WIDTH> tag from <COMBO> definition. In general Id has to be defined as the following pattern: EditWidth<combo_box_name>.

```
<RADIO name="EditWidthcombo1" default="1">
  <id>Widthcombo10</id>
  <id>Widthcombo11</id>
  <id>Widthcombo12</id>
</RADIO>
<RADIO name="EditWidthcombo2" default="2">
```

```
<id>Widthcombo20</id>
<id>Widthcombo21</id>
<id>Widthcombo22</id>
</RADIO>
```

Several different widths are supported for edit box on the user options page. In general Name has to be defined as the following pattern:
Width<combo_box_name><width_index>.

The next few lines are used to customize the appearance/colors used in buttons and menus.

 - specifies what font will be used for text captions and menu items.

Subsection:

```
<HIGHLIGHT>
  <COLOR>F6FF00</COLOR>
  <COLOR>00FFE4</COLOR>
  <COLOR>5AFF00</COLOR>
  <COLOR>0087FF</COLOR>
  <COLOR>FFCC00</COLOR>
  <COLOR>FF00F0</COLOR>
</HIGHLIGHT>
```

defines the colors used for highlighting search keywords inside the document.

```
<COLOR_SCHEMA>
  <!-- Toolbar skin image -->
  <TOOLBAR_SKIN>skin.bmp</TOOLBAR_SKIN>

  <!-- Toolbar color -->
  <TOOLBAR_FACE>235,233,217</TOOLBAR_FACE>

  <!-- Menu background color -->
  <MENU>235,233,217</MENU>

  <!-- Selected menu background color -->
  <SELECTED_MENU_ITEM>170,0,0</SELECTED_MENU_ITEM>

  <!-- Text color -->
  <TEXT></TEXT>

  <!-- Text of item(s) selected in a menu -->
  <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

  <!-- Grayed (disabled) text in a menu -->
  <GRAY_TEXT></GRAY_TEXT>

  <!-- Highlight color for three-dimensional display elements
  (for edges facing the light source.) -->
  <HIGHLIGHT3D></HIGHLIGHT3D>

  <!-- Shadow for three-dimensional display elements. -->
  <SHADOW3D></SHADOW3D>
```

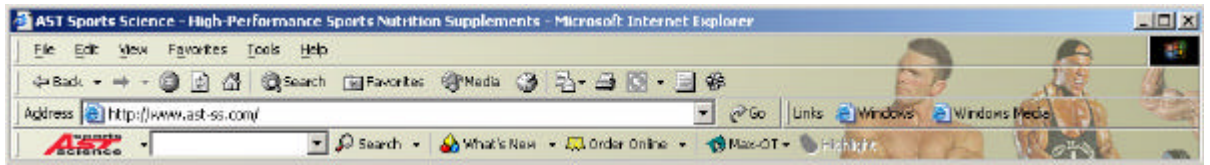
```
</COLOR_SCHEMA>
```

This defines the color scheme used for the toolbar. Here you can define background color that the toolbar uses, skin for the toolbar, and background image for the toolbar and foreground color for the toolbar. The windows bitmap (.bmp) files for skin or background of the toolbar can have arbitrary dimensions. If you do not define the colors or simply remove the section <COLOR_SCHEMA></COLOR_SCHEMA> from the configuration file the default windows colors will be used for the toolbar appearance.

The colors are defined in RGB format so light red is "255,0,0" and green is "0,255,0" and so on.

Setting the "skin" for the browser

You can change the skin for the browser i.e. a background image for all of the browser menus and toolbars like this:



To do this you have to use `<TOOLBAR_SKIN>skin.bmp</TOOLBAR_SKIN>` tag that has to be included into the configuration file in between `<COLOR_SCHEMA>` `</COLOR_SCHEMA>` tags. The name for the file does not matter but you have to provide this file within the contents of the toolbar .CAB file. The file has to be windows bitmap file (.bmp) the dimensions of the image can be arbitrary.

Toolbar update

Whenever the toolbar needs to be updated (when the user clicks Update or in Auto-update mode) toolbar establishes the connection to the server using serverPath URL from "Settings" section of the configuration file. It finds version.txt file by this location. The toolbar is updated only if the version number (that has to be located in a first line of the version.txt file) is newer than the current version the user has. The new version of the toolbar is downloaded from the URL defined in `<SETTINGS>` `</SETTINGS>`:

```
<URL id="updateUrl" default="http://www.yourtoolbar.com/toolbar/toolbar.cab"/>
```

This URL has to point to .CAB file. The .CAB file is being downloaded and installed. After successful update the user browser is redirected to urlAfterUpdate page (also configurable in SETTINGS section).

Options supported on the 'user options' page

The following options are supported on the user options page:

- ✂ Open a new window to display results each time you search
- ✂ Auto Complete
- ✂ Keep a search history in a drop-down list under the search box
- ✂ Automatically run a search when you select from the search history
- ✂ Run Search Drag Automatically
- ✂ Update toolbar automatically
- ✂ Define what buttons to show on the toolbar.

If you do not wish to allow your user to setup the options you can simple remove the link to options page from the toolbar menu. If you wish to allow your users to adjust only sub-set of the above options you can customize options.html page that has to be distributed with the toolbar.

Toolbar scripting – browsing automation and extension via toolbar

HTML page currently open in the browser window can be accessed from the toolbar via the special object that is created during initialization of the toolbar. You'll need to create a JavaScript function in an HTML page that is loaded into your `<BANNER>` or `<BUBBLE>` to catch this event and create the object.

```
var IExplorer;
```

```
// This function will be called after a page is loaded into the browser
function DocumentComplete(tool)
{
    IExplorer=tool.explorer;
}
```

After that you can address HTML page open in the browser. You can change the colors in the page, highlight specific words make the page analysis and many other useful tricks. The below example will change the background color of the page.

```
IExplorer.body.style.backgroundColor="#ff0000";
```

Preparing the toolbar to be downloadable and installable from your website:

Please decide from which folder located on your website you'll distribute the toolbar .CAB file. Let's say that it will be <http://www.mysite.com/toolbar/>. After that you'll need to design the following pages for your website:

- Install.html page, (Required) – the page that the user can access to download and install the toolbar automatically
- InstallSuccess.html page, (Optional) – this page will be shown to the user after he has installed the toolbar from your site.
- UpdateSuccess.html page (Optional) – this page will be shown to your user after he has successfully updated the toolbar to the most recent version.
- UninstallComplete.html page (Optional) – this page can will be shown to the user after he has uninstalled the toolbar.

The names for those pages can be different and they do not need to have .html extension (for example .php page can be used to track how many users have downloaded and installed the toolbar). Please note that Install.html page has to be located in a folder with .CAB file (<http://www.mysite.com/toolbar/> in our example) the other pages can be located anywhere else.

After that you'll need to modify the tunings.xml file <SETTINGS> </SETIINGS> section and provide the correct links to the above pages like in the fragment below:

```
<URL id="serverpath"           default="http://www.mysite.com/toolbar/" />
<URL id="firstURL"            default="http://www.mysite.com/toolbar/InstallSuccess.html" />
<URL id="updateUrl"           default="http://www.mysite.com/toolbar/toolbar.cab" />
<URL id="urlAfterUpdate"      default="http://www.mysite.com/toolbar/UpdateSuccess.html" />
<URL id="urlAfterUninstall"   default="http://www.mysite.com/toolbar/UninstallComplete.html" />
```

Minimal configuration will require only one page to be provided – install.html and in this case you can set the following configuration settings:

```
<URL id="firstURL"            default="http://www.mysite.com/" />
<URL id="serverpath"         default="http://www.mysite.com/toolbar/" />
<URL id="updateUrl"          default="http://www.mysite.com/toolbar/toolbar.cab" />
<URL id="urlAfterUpdate"     default="http://www.mysite.com/" />
<URL id="urlAfterUninstall"  default="http://www.mysite.com/" />
```

So the user will be redirected to the entry page of your website after he installs/uninstalls or successfully upgrades the toolbar to the latest version.

After building .CAB file you'll have to upload this file to <http://www.mysite.com/toolbar/> folder and reference it from install.html page like it is shown below:

```
<object classid="clsid:92F02779-6D88-4958-8AD3-83C12D86ADC7"
codebase="toolbar.cab" id="toolbar" height="0" width="0">
</object>
```

Please do not forget to upload version.txt file to the <http://www.mysite.com/toolbar/> folder so that the toolbar will support versions and automatic upgrade.

You can define an error message that appears when the update process fails for some reason (e.g a network connection failure) in a <SETTINGS> </SETIINGS>.

```
<MESSAGE id="UpdateError" default="Unable to update toolbar" />
```

FAQ – Frequently asked questions

How can I organize news or advertizing via the toolbar?

The simple way: just include a <BANNER> tag in your toolbar and redirect it to an HTML page, which will refresh itself periodically. Another way: Use <INCLUDE> tag with server side XML file.

Example:

```
<?xml version="1.0"?>
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">

    <!-- News banner (HTML approach) -->
    <BANNER caption="news" href="http://www.yoursite.com/toolbar_news.html" width="200"/>

    <!-- News include (XML approach) -->
    <INCLUDE_XML filename="http://www.yoursite.com/toolbar.asp" expire="10"/>

</TOOLBAR>
```

Included XML file (placed at URL <http://www.yoursite.com/toolbar.asp>):

```
<?xml version="1.0"?>
<TOOLBAR>

<%
    ' ASP script (generates XML for toolbar)
    Randomize
    MyValue = Int((4 * Rnd()) + 1) ' Generate a random number for advertisement
    advText = "Advertisement #" & MyValue ' Image name
    %>
    <BUTTON href="http://www.yoursite.com/advert.asp?adv=<%=MyValue%>" command="redirect"
    hint="" caption="<%=advText%>" />

</TOOLBAR>
```

How can I refresh the mini web page in the banner periodically?

You should include

```
<BANNER caption="refresh" href="http://www.yoursite.com/news.html" width="200"/>
```

And you'll need to put the following lines in your file (news.html) to make the page to be refreshed.

```
<script language="JavaScript" type="text/javascript">
function reload()
{
    document.location.reload();
}
setTimeout(reload,1000);
</script>
```

The number passed to the setTimeout is milliseconds, so in this example, the page will be refreshed every second.

NOTE: Using META tags to refresh the page is not recommended.

How can I create a personal appearance and functions for each user?

Directly after installation toolbar generates it's own unique identifier. You can access this via %toolbar_id property.

Steps you should do:

104 6th Street, Unit B
Lynden, Washington 98264
www.besttoolbars.net
9:51 01/12/2004

Sales.: +1 877 243 8735
Fax.: +1 801 457 8820
Tech.: +1 866 862 1289
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Define after install URL in <SETTINGS> section of XML file to contain the toolbar unique identifier:

```
<URL default="http://www.yoursite.com/toolbar/register.asp?tb_id=%toolbar_id" id="firstURL">
```

After installation toolbar will take the user to this URL. It is easy to create a simple server script to register toolbar in your database (on ASP, PHP or Perl for example). You can also set `userId`, `userName` and `userPasswd` in the toolbar via javascript. Please see the code sample below that can be made a part of register.asp page.

```
<html>
<head>
<title>Toolbar registration page</title>
<SCRIPT language=JavaScript>
function checkInstall()
{
    if(typeof(toolbar)=="undefined")
    {
        obj.innerHTML = 'Sorry, installation failed?';
    }
    else
    {
        obj.innerHTML = 'Congratulations! Toolbar was installed successfully!';

        // Rename the username and userpass variables on the users' toolbar

        window.external.userName = 'User';
        window.external.userPasswd = 'demo';
    }
}
</SCRIPT>
</head>
<body onload="checkInstall()">
    <object classid="clsid:92F02779-6D88-4958-8AD3-83C12D86ADC7"
        codebase="toolbar.cab"
        id="toolbar"
        height=0
        width=0>
    </object>
<input type="hidden">
</object>
<span id="obj"></span>
</body>
</html>
```

This way you can register each installed toolbar in your database. Further you can define the following XML file for the toolbar:

Basis.xml:

```
<?xml version="1.0"?>
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">
    <INCLUDE_XML filename="tb_commands.xml"/>
    <INCLUDE_XML filename="tb_settings.xml"/>
    <INCLUDE_XML filename="tb_base.xml"/>
    <INCLUDE_XML filename="http://www.yoursite.com/get_appearance.asp?toolbar_id=%toolbar_id"
    expire="60" />
</TOOLBAR>
```

Toolbar will send requests to `http://yourtoolbar.com/get_appearance.asp` to get an XML file every 1 hour (expire parameter) passing the toolbar identifier. So you can create script to generate personal XML for users based on their personal info.

Tip: if the XML file have to be downloaded just once from the server (when the user starts his browser), you can set expire parameter to 0.

How can I implement pagerank or URL information in the toolbar?

Toolbar gives many possibilities for implementing such server side processing as page ranking (similar to Google PageRank), keyword analysis and associated keyword information. To implement this you'll need to develop server side scripts. The below example demonstrates how to achieve functionality similar to Google PageRank with your toolbar.

Example:

```
<?xml version="1.0"?>
<TOOLBAR name="IE Toolbar Sample" icons="icons.bmp" hot_icons="icons.bmp" dllname="toolbar">
  ...
  <INCLUDE_XML
filename="http://www.yoursite.com/getrank.asp?toolbar_id=%toolbar_id&URL=%url"
sync="OnDocumentComplete"/>
  ...
</TOOLBAR>
```

Toolbar will download the XML file generated by getrank.asp page every time the user navigates to a new page with his browser. By feeding back the appropriate XML you can give the user additional information about the page he is currently visits. You can also change the appearance of the toolbar, put new buttons, menus, banners displaying (as Alexa.com toolbar does).

Similarly to Alexa.com you can create a drop-down html menu that will display the detailed information about the current domain, url etc (of course you need to provide server side CGI, ASP or PHP scripts that will generate the HTML page bubble.asp in the example below)

Example:

```
<BUTTON id="bubble2" caption="URL info" img="1">
  <BUBBLE href="http://www.yoursite.com/bubble.asp?url=%url" width="100" height="200" />
</BUTTON>
```

How do I release a new version of the toolbar to my clients?

First of all you need to build new .cab file with the toolbar builder. Then you have to upload this file onto your site and replace the last toolbar.cab file with the new toolbar.cab file. Then you'll need to change the version number that is provided in a first line of the version.txt file located at the same folder on your server. (Please provide increasing numbers fore this: like if you had 1.0 you should use 1.1, 1.2 ... or 2.0, 3.0, 3.1 ...)

The users who click "update" button in their toolbar will download and install new toolbar version from your website. If the toolbar has auto-update feature enabled your users will be asked to update their toolbar when they start their browser next time.

How can I be assured that nobody can use my toolbar for his own profit?

Only you can customize the appearance for the toolbar and no one else can. The utility distributed with the toolbar builder called key_gen.exe is used to encrypt and sign the toolbar configuration files. After you did the changes to your configuration files toolbar builder will run key_gen.exe utility to sign that the changes are authorized.

Why do we need to sign this cab file?

The .cab files are signed for security reasons. Unless Internet Explorer security level (available at Internet Options menu) is set to LOW, Internet Explorer will not install unsigned .cab file.

For security purposes, you must register the toolbar's CAB file to make sure it will be accepted by browsers with a confidentiality level.

You may obtain a Code Signing Certificate by contacting an authorized organization such as Verisign (www.verisign.com) and Thawte (www.thawte.com).

Once registered, you will receive two files:

A certificate (.spc file). The certificate informs users that the software is secure.

An official registering key (.pvk file). The registering key is used to lock the software. During the installation, users need to accept to install the key on their desktop in order to be able to install the software.

Pricing for a certificate application vary from one company to another. Upon request, your key should be sent to you in approximately two days.

The Code Signing Certificate guarantees users that the software does originate from you and that the software is free of alteration or corruption. It is then safe for users to install it.

We also can sign your .CAB file with our own certificate.

NOTE: When installing a toolbar signed with a certificate, users need to accept the digital signature.

How can I make a digital sign for the toolbar?

After you purchase the code signing certificate from Verisign.com or Thawte.com, they will send you the email with instruction for how to use the certificate. Following their instruction, you will download two files:

mycredentials.spc

myprivatekey.pvk

To make the .cab created using toolbar builder signed you need to run the following commands:

```
signcode -n "name of product" -i "Additional info(usually URL)" -spc mycredentials.spc -v myprivatekey.pvk -t http://timestamp.verisign.com/scripts/timestamp.dll toolbar.cab
```

How can I sign the toolbar with the Softomate's certificate?

Signing with our certificate is the cheapest way to have your toolbar signed. Signing with our (SOFTOMATE) certificate works as follows:

1. You send us your .cab file.
2. We analyze if it is ok.
3. We sign it with our certificate (issued on Softomate/BestToolbars)
4. We send you .CAB file back.

The whole procedure takes about one day.

How can I obtain a certificate to sign the toolbar with?

We can offer you 3 options for digital certificate.

- 1) You can purchase the certificate from THAWTE.com and use it at your website. You need to order 'code signing certificate' it costs \$199 per year. This certificate will be issued on your own business name and will contain it inside. or You can purchase the certificate from Verisign. According to Verisign (<http://www.verisign.com/products/signing/code/>), the certificate name is Microsoft Authenticode Digital ID: In conjunction with Microsoft's Authenticode technology, this enables you to digitally sign 32-bit .exe (PE files), .cab, .dll and .ocx, files.
- 2) We can sign the toolbar with SOFTOMATE.COM (our company) certificate for \$20.
- 3) .EXE installer (no digital certificate is required). You can use the Cab2exe utility from our site <http://www.besttoolbars.net/download.php> to convert .cab into setup.exe application. This setup.exe once downloaded and executed will install the toolbar. To use cab2exe: Unzip cab2exe.zip archive into a folder where your .cab file is and run

cab2exe.bat. You'll get the self extracting archive called toolbar.exe. Upload it to your website and give your customers a link to download it.

I would like to know how can we change the test certificate from Joe's-Software Emporium to our company name.

You can use test certificates to sign your toolbar. The test certificate will display a warning to your users. You can download test certificate signing utility from our website at:

<http://www.besttoolbars.net/download.php>

Please take a look over sign_code.bat inside the signing.zip archive you'll find the following line:

```
makecert -sv test.pvk test.cer
```

Please change it to:

```
makecert /sv "test.pvk" /n "CN=YOUR COMPANY NAME" test.cer
```

How do I use %user_pass and %user_name to authenticate the users

To use username and userpass you need to set the username and password via javascript like it is in a script below:

```
<script>
window.external.username="test";
window.external.userpasswd="pass";
</script>
```

Then you can use them in any URL like %user_pass and %user_name.

What type of commands can I use with the "Shell command on the User PC"?

You can launch any programs (such as word.exe, notepad.exe) or execute any commands that are accessible from the Start->Run menu (like tracert and cmd).

How can I include an .EXE into my toolbar's .CAB and make this .EXE file to be executed when someone presses a button or clicks menu item in my toolbar?

To achieve this, you should add the following lines to the <COMMANDS> section:

```
<LOCALHTML name="prog" href="progrname.exe"/>
<SHELLEXECUTE name="Prog" command="progrname.exe" options="/s %combo1"
not_found="Can't open Prog application..."/>
```

Could you create a new GUID or CLSID for us? We do not want it to conflict with others.

Yes, Each licensed toolbar builder creates unique GUID DLLs for you.

Do you use MFC or WTL for the toolbar. Will it require additional DLL's or downloads?

We use Visual C++, ATL and WTL. It does not require any additional DLL's to be downloaded. That is why our toolbar is only 180KB in size and very fast.

How do I customize the toolbar for my site?

In distribution archive that you'll get from us you'll find two separate folders: /web-install -- from which you'll need to upload all the contents to your server (please note that you have

to upload License.html file onto your server also) and /version folder -- which stores all the files you need to customize your toolbar. To install the toolbar please access /web-install/install.html

The basic steps for creating your own toolbar are:

1. You need to go into /version folder and open basis.xml file in any text editor of your choice. You can download FREE editor for those .XML files from our website <http://www.besttoolbars.net/download.php>. The samples for toolbar customization files can also be found in downloads section of our website. After you made the changes into XML file as described in this documentation, you'll need to run Toolbar_builder.bat utility located in the same folder to create a .CAB file.
OR
You can create an account with Online IE toolbar Builder http://www.besttoolbars.net/online_ie_toolbar_builder.php where you will be able to visually build your toolbar and then you can download the XML file that you have built.
2. This .cab file then has to be copied into /web-install folder and all the contents of that folder need to be uploaded on your website.
3. The toolbar can be installed by simply opening install.html page from either /web-install folder or from your website.
4. In case you need to distribute the toolbar as self installing .EXE you can do this simple by using cab2exe utility that is available from our website <http://www.besttoolbars.net/download.php>.

How can I have news, short jokes or ads scroll across the toolbar?

Use the <BANNER>. The below will create an HTML banner inside the toolbar 200 pixels width that downloads all the contents from your site (jokes.html).

```
<BANNER id="Jokebox" caption="Jokes" url="http://www.yoursite.com/jokes.html" width="200"/>
```

Please see an example jokes.html below:

```
<html>
<head>
  <META HTTP-EQUIV="PRAGMA" CONTENT="NO-CACHE">
  <META HTTP-EQUIV="Cache-control" CONTENT="NO -CACHE, must-revalidate">
  <style>
    a.ticker { color:#FFFFFF; font-weight:bold; height:10px;
filter:progid:DXImageTransform.Microsoft.dropshadow(OffX=1, OffY=1, Color='#666666', Positive='true')}
  </style>
  <script language="javascript">
    started = true;
  </script>
</head>
<body bgcolor="#D5D2CD" leftMargin=0 topMargin=0 marginWidth=0 marginHeight=0>

<script>
function reload()
{
document.location.reload();
}
setTimeout(reload,60000);
</script>

  <marquee scrollamount=3 direction=left onMouseOver="if (started) { this.stop() }" onMouseOut="if (started)
{
this.start() }" onClick="if (started) {started=false; this.stop();} else {started=true; this.start();}">
  <table cellspacing=0 cellpadding=0 border=0>
  <tr>

    <!-- TICKER TEXT 1 -->
    <td width=12></td>
    <td width=200><a href=http://www.yoursite.com/jokes1.html class="ticker">A funny joke</a></td>
```

```
<!-- TICKER TEXT 2 -->
<td width=12></td>
<td width=200><a href=http://www.yoursite.com/jokes2.html class="ticker">A very funny
joke</a></td>

<!-- TICKER TEXT 3 -->
<td width=12></td>
<td width=200><a href=http://www.yoursite.com/jokes3.html class="ticker">Another funny
joke</a></td>

<!-- TICKER TEXT 4 -->
<td width=12></td>
<td width=200><a href=http://www.yoursite.com/jokes4.html class="ticker">And yet one more funny
joke</a></td>
</tr>
</table>
</marquee>

</body>
</html>
```

The jokes.html can also be a script like jokes.php or jokes.asp and can refresh itself periodically.

Opening a page in a new or modal browser window

To do this, define a new WEBJUMP command. The command has to be defined between <COMMANDS></COMMANDS> tags in the configuration file. The syntax is as follows:

```
<WEBJUMP name="newcommand1" href="http://yourtoolbar.com/somepage.html" newbrowserwindow="true" />
<WEBJUMP name="newcommand2" href="http://yourtoolbar.com/somepage.html"
newbrowserwindow="modaldialog"
options="status:no;help:no;dialogHeight:600px;dialogWidth:600px;dialogHide:yes;scroll:auto;" />
options parameter defines an options of the modal dialog or new window. It is the same as in javascript: window.open() function. This command can then be added to any button or menu item.
```

Sending POST requests via the toolbar

To do this, define a new WEBJUMP command. The command has to be defined between <COMMANDS></COMMANDS> tags in the configuration file. The syntax is as following:

```
<WEBJUMP name="newcommand1" post="var1=%combo1&var2=%domain"/>
```

How to use multiple search sites in the toolbar

If you need to search on multiple search sites like google.com and your own site with your own site being the default define the following commands:

```
<WEBJUMP name="search1"
href="http://www.yourtoolbar.com/search.asp?q=%combo1&Searchtype=from_toolbar"/>
<WEBJUMP name="search2" href="http://google.com/search?q=%combo1"/>
```

In the above lines %combo1 symbol shows the position into which the search string will be substituted. "Combo1" here is a name of the combo box, from which toolbar should get a terms for search.

To specify that by default the search will be performed on your site you'll have to specify that the Search combo box uses the search1 command as shown in the fragment below:

```
<COMBO name="combo1" caption="search" hint="enter text to search" command="search1" limit="40"
histmax="10">
  <WIDTH>10</WIDTH>
  <WIDTH>15</WIDTH>
  <WIDTH>20</WIDTH>
</COMBO>
```

Disabling the down arrow shown beside buttons

You have to change the menu type from Split to Single

```
<MENU img="logo.bmp" type="Single">...</MENU>
```

So that it will not show the down arrow near the button.

Providing news/information

You can insert the following lines:

```
<BANNER width="100" url="http://www.yorserver.com/news.html">
```

That will insert a mini web browser window into the place. By defining the url=<http://www.yorserver.com/news.html> you can achieve that the current news from your website will be displayed each time the new browser window is open. You can insert any html coding into that page so that you can provide scrolling lines, flashing items, refreshes itself automatically and so on.

Changing the icon used for "word-find" toolbar buttons

Word find buttons always use the icon number 1 from icons.bmp file. So if you wish to change this icon, just change the first icon.

APPENDIX

Example basis.xml for a Google-like toolbar

```
<TOOLBAR icons="nav.bmp" hot_icons="nav.bmp" name="Google-like Toolbar" dllname="toolbar">
  <BUTTON caption="" hint="My Logo" id="tb_btn_vFSMgLLx" img="" command="redirect"
href="http://www.google.com">
    <MENU type="Split" img="demo_logo.bmp" hotimg="demo_logo.bmp">
      <ITEM caption="Google Home Page" hint="Navigate to the Google home page"
img="" href="http://www.google.com" command="redirect"/>
      <ITEM caption="Google Links" hint="" img="">
        <ITEM caption="Advanced Search" hint="Navigate to the Google
Advanced Search page" img="" href="http://www.google.com/advanced_search" command="redirect"/>
        <ITEM caption="Google Images" hint="Search the Web for images"
img="" href="http://www.google.com/imghp" command="redirect"/>
        <ITEM caption="Google Groups" hint="Browse or search within Google
Groups discussions" img="" href="http://www.google.com/grphp" command="redirect"/>
        <ITEM caption="Web Directory" hint="Browse or search within Google
Web Directory" img="" href="http://www.google.com/dirhp" command="redirect"/>
        <ITEM caption="Google News" hint="Navigate to the Google News site"
img="" href="http://news.google.com/" command="redirect"/>
        <SEPARATOR/>
        <ITEM caption="Options..." hint="Change Toolbar options" img=""
command="DiTNVvqa"/>
        <ITEM caption="Froogle" hint="Find products for sale" img=""
href="http://froogle.google.com/" command="redirect"/>
        <ITEM caption="Google Answers" hint="Post a question on Google
Answers" img="" href="http://answers.google.com/" command="redirect"/>
        <ITEM caption="Blogger.com" hint="Navigate to Blogger.com" img=""
href="http://new.blogger.com/" command="redirect"/>
        <ITEM caption="Zeitgeist" hint="Search patterns, trends and
surprises according to Google" img="" href="http://www.google.com/press/zeitgeist.html"
command="redirect"/>
        <SEPARATOR/>
        <ITEM caption="Search Preferences" hint="Navigate to the Google
language, display and filtering options page" img="" href="http://www.google.com/preferences"
command="redirect"/>
        <ITEM caption="Language Tools" hint="Navigate to the Google's
Language Tools page" img="" href="http://www.google.com/language_tools" command="redirect"/>
      </ITEM>
      <SEPARATOR/>
      <ITEM caption="Clear Search History" hint="Clear the list of previous
searches from the Toolbar's search box" img="" command="clearhistory"/>
      <ITEM caption="Help" hint="Help" img="">
        <ITEM caption="Help" hint="Display documentation for the Google
Toolbar" img="" href="http://toolbar.google.com/help.html" command="redirect"/>
        <ITEM caption="Contact Us..." hint="Send Google your feedback on
the Google Toolbar" img="" href="http://toolbar.google.com/feedback.html" command="redirect"/>
        <ITEM caption="Uninstall" hint="Remove the Toolbar from your
```

```
browser" img="" command="uninstall"/>
    </ITEM>
  </MENU>
</BUTTON>
<SEPARATOR/>
<COMBO name="search" caption="" hint="Search Google" limit="40" histmax="10"
id="tb_cmb_SVCgVyWG" command="keMdXGRo">
  <WIDTH>100</WIDTH>
  <WIDTH>130</WIDTH>
  <WIDTH>150</WIDTH>
</COMBO>
<BUTTON caption="Search Web" hint="Search the Web" id="tb_btn_LKRIuoCj" img="93"
command="OGFnfNCz">
  <MENU type="Split" img="" hotimg="">
    <ITEM caption="Search Web" hint="" img="" command="pXyPVctx"/>
    <ITEM caption="I am Feeling Lucky" hint="" img="" command="fuQevcbL"/>
    <SEPARATOR/>
    <ITEM caption="Google Images" hint="" img="" command="DLCqSPcP"/>
    <ITEM caption="Google Groups" hint="" img="" command="GcoUKvvS"/>
    <ITEM caption="Web Directory" hint="" img="" command="UoZUhrh"/>
    <ITEM caption="Search News" hint="" img="" command="eiXVGqAG"/>
    <ITEM caption="Search Froogle" hint="" img="" command="iFcWzGQy"/>
  </MENU>
</BUTTON>
<SEPARATOR/>
<BUTTON caption="" hint="Navigate to the Google News site" id="tb_btn_dmgBYSuu" img="65"
href="http://news.google.com/" command="redirect"/>
<SEPARATOR/>
<BUTTON caption="Block PopUp" hint="Block PopUp windows" id="tb_btn_eNAlhqUL" img="83"
command="blockPopups"/>
<SEPARATOR/>
<BUTTON caption="Options" hint="Change Toolbar options" id="tb_btn_NgSkrbQE" img="125"
command="ZTBUIfTv"/>
<BUTTON caption="" hint="Toggle highlighting of search terms on this page"
id="tb_btn_KVasNoxV" img="99" command="Highlight"/>

<COMMANDS>
<CLEARHISTORY name="clearhistory"/>
<BLOCKPOPUIS name="blockPopups" default="1"/>
<HIGHLIGHT name="Highlight"/>
<UNINSTALL name="uninstall"/>
<LOCALHTML newbrowserwindow="false" href="options.html" name="DiTNVvqa"/>
<WEBJUMP newbrowserwindow="false"
href="http://www.google.com/search?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="keMdXGRo"/>
<WEBJUMP newbrowserwindow="false"
href="http://www.google.com/search?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="pXyPVctx"/>
<WEBJUMP newbrowserwindow="false"
href="http://www.google.com/search?sourceid=navclient&btnI=I&ie=UTF-8&oe=UTF-
8&q=%search" name="fuQevcbL"/>
<WEBJUMP newbrowserwindow="false"
href="http://images.google.com/images?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="DLCqSPcP"/>
<WEBJUMP newbrowserwindow="false"
href="http://www.google.com/search?cat=gwd%2FTop&sourceid=navclient&ie=UTF-8&oe=UTF-
8&q=%search" name="UoZUhrh"/>
<WEBJUMP newbrowserwindow="false"
href="http://news.google.com/news?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="eiXVGqAG"/>
<WEBJUMP newbrowserwindow="false"
href="http://froogle.google.com/froogle?sourceid=navclient&ie=UTF-8&oe=UTF-
8&q=%search" name="iFcWzGQy"/>
<WEBJUMP newbrowserwindow="false"
href="http://www.google.com/search?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="OGFnfNCz"/>
<WEBJUMP href="" name="redirect"/>
<LOCALHTML newbrowserwindow="false" href="options.html" name="ZTBUIfTv"/>
<WEBJUMP newbrowserwindow="false"
href="http://groups.google.com/groups?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=%search"
name="GcoUKvvS"/>
</COMMANDS>

<SETTINGS>
<MESSAGE id="corruptedMsg" default="One of the XML files is corrupted or invalid.
Press OK to uninstall."/>
<MESSAGE id="uninstallMsg" default="This will remove the Global X Inc. Toolbar
```

```
from your computer! Are you sure?"/>
    <MESSAGE id="updateMsg" default="This will try to update the Global X Inc. Toolbar
from the server. Continue?"/>
    <MESSAGE id="autoUpdateMsg" default="New version of Global X Inc. Toolbar is
available. Would you like to download and install new version?"/>
    <MESSAGE id="versionError" default="Can not find current version information."/>
    <MESSAGE id="connectionError" default="Can't establish a connection."/>
    <MESSAGE id="lastVersionMsg" default="You have the latest version of the Global X
Inc. Toolbar."/>
    <MESSAGE id="contextMenuItemName" default="Global X Inc. Toolbar search"/>
    <MESSAGE id="closeAllWindowsForUpdate" default="All running IE Windows will be
closed before updating the Global X Inc. Toolbar. Continue?"/>

    <URL id="firstURL" default="http://www.google.com"/>
    <URL id="serverpath" default="http://www.google.com"/>
    <URL id="updateUrl" default="http://www.google.com"/>
    <URL id="urlAfterUpdate" default="http://www.google.com"/>
    <URL id="urlAfterUninstall" default="http://www.google.com"/>
    <URL id="contextSearch" default="http://www.google.com/search?q=%s"/>

    <CHECKBOX id="OpenNew" default="0"/>
    <CHECKBOX id="AutoComplete" default="1"/>
    <CHECKBOX id="KeepHistory" default="1"/>
    <CHECKBOX id="RunSearchAutomatically" default="1"/>
    <CHECKBOX id="RunSearchDragAutomatically" default="1"/>
    <CHECKBOX id="DescriptiveText" default="1"/>
    <CHECKBOX id="ShowHighlightButton" default="1"/>
    <CHECKBOX id="ShowFindButtons" default="0"/>
    <CHECKBOX id="UpdateAutomatically" default="0"/>

    <COMBO id="EditWidthcombo1" default="1"/>

    <RADIO name="EditWidthcombo1" default="1">
        <id>Widthcombo10</id>
        <id>Widthcombo11</id>
        <id>Widthcombo12</id>
    </RADIO>

    <FONT name="Tahoma" size="13"/>

    <HIGHLIGHT>
        <COLOR>F6FF00</COLOR>
        <COLOR>00FFE4</COLOR>
        <COLOR>5AFF00</COLOR>
        <COLOR>0087FF</COLOR>
        <COLOR>FFCC00</COLOR>
        <COLOR>FF00F0</COLOR>
    </HIGHLIGHT>

    <COLOR_SCHEMA>

        <!-- Toolbar skin image -->
        <TOOLBAR_SKIN></TOOLBAR_SKIN>

        <!-- Toolbar color -->
        <TOOLBAR_FACE></TOOLBAR_FACE>

        <!-- Menu background color -->
        <MENU></MENU>

        <!-- Selected menu background color -->
        <SELECTED_MENU_ITEM></SELECTED_MENU_ITEM>

        <!-- Text color -->
        <TEXT></TEXT>

        <!-- Text of item(s) selected in a menu -->
        <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

        <!-- Grayed (disabled) text in a menu -->
        <GRAY_TEXT></GRAY_TEXT>

        <!-- Highlight color for three-dimensional display elements (for edges
facing the light source.) -->
        <HIGHLIGHT3D></HIGHLIGHT3D>

        <!-- Shadow for three-dimensional display elements. -->
```

```

<SHADOW3D></SHADOW3D>

    </COLOR_SCHEMA>
</SETTINGS>
</TOOLBAR>

```

Example basis.xml for an eBay-like toolbar

```

<TOOLBAR icons="nav.bmp" hot_icons="nav.bmp" name="eBay Toolbar" dllname="toolbar">
  <BUTTON caption="" hint="My Logo" id="tb_btn_xqpAUzXe" img="" command="redirect"
href="http://www.ebay.com/">
    <MENU type="Split" img="demo_logo.bmp" hotimg="demo_logo.bmp">
      <ITEM caption="eBay Home" hint="" img="" href="http://www.ebay.com/"
command="redirect"/>
      <ITEM caption="eBay Sign In/Out..." hint="Links" img=""
href="http://signin.ebay.com/aw-cgi/eBayISAPI.dll?SignIn" command="redirect"/>
      <ITEM caption="Browse" hint="" img=""
href="http://pages.ebay.com/buy/index.html" command="redirect"/>
      <ITEM caption="Sell Your Item..." hint="" img=""
href="http://pages.ebay.com/sell/index.html" command="redirect"/>
      <ITEM caption="eBay Announcements" hint="" img=""
href="http://www2.ebay.com/aw/marketing.shtml" command="redirect"/>
      <ITEM caption="Community..." hint="" img=""
href="http://pages.ebay.com/community/index.html" command="redirect"/>
      <SEPARATOR/>
      <ITEM caption="Toolbar Preferences..." hint="" img="" command="aTJoaCVg"/>
      <ITEM caption="Uninstall Toolbar..." hint="" img="" command="uninstall"/>
    </MENU>
  </BUTTON>
  <COMBO name="search" caption="" hint="Search eBay" limit="40" histmax="10"
id="tb_cmb_qxUoHtoA" command="bXfovXTg">
    <WIDTH>100</WIDTH>
    <WIDTH>130</WIDTH>
    <WIDTH>150</WIDTH>
  </COMBO>
  <BUTTON caption="Search eBay" hint="" id="tb_btn_jFVGAdtr" img="53" command="bTlWiIAT">
    <MENU type="Split" img="" hotimg="">
      <ITEM caption="Search eBay Titles" hint="" img="57" command="CUikwDTB"/>
      <ITEM caption="Search eBay Titles and Descriptions" hint="" img=""
command="DJhjchOR"/>
      <ITEM caption="Search Buy It Now Only" hint="" img="" command="dyzPdqvj"/>
      <ITEM caption="Search by Item Number" hint="" img="" command="UKlSgCzP"/>
      <ITEM caption="Search by Seller" hint="" img="" command="LtYaoNmb"/>
      <ITEM caption="Search by Bidder" hint="" img="" command="aWXdXDSL"/>
      <SEPARATOR/>
      <ITEM caption="Clear Search Box History..." hint="" img=""
command="clearhistory"/>
      <SEPARATOR/>
      <ITEM caption="eBay Advanced Search" hint="" img=""
href="http://pages.ebay.com/search/items/search_adv.html" command="redirect"/>
    </MENU>
  </BUTTON>
  <BUTTON caption="My eBay" hint="" id="tb_btn_pFRWbkQg" img="58"
href="http://signin.ebay.com/" command="redirect"/>
  <BUTTON caption="Top Picks" hint="" id="tb_btn_exIqeDQP" img="60" command="">
    <MENU type="Single" img="" hotimg="">
      <ITEM caption="eBay Motors" hint="" img=""
href="http://pages.ebay.com/ebaymotors/" command="redirect"/>
      <ITEM caption="eBay Sports" hint="" img=""
href="http://www.ebaysports.com/" command="redirect"/>
      <ITEM caption="eBay Electronics" hint="" img=""
href="http://www.ebayelectronics.com/" command="redirect"/>
      <SEPARATOR/>
      <ITEM caption="Google Web Search and Directory" hint="" img=""
href="http://www.google.com/" command="redirect"/>
    </MENU>
  </BUTTON>
  <BUTTON caption="Help" hint="" id="tb_btn_cQwrqydk" img="61" command="">
    <MENU type="Single" img="" hotimg="">
      <ITEM caption="How to Buy on eBay" hint="" img=""
href="http://www.ebay.com/help/new/bid.html" command="redirect"/>
      <ITEM caption="How to Sell on eBay" hint="" img=""
href="http://www.ebay.com/help/new/sell.html" command="redirect"/>
      <SEPARATOR/>

```

```
<ITEM caption="eBay Official Time" hint="" img=""
href="http://cgi3.ebay.com/aw-cgi/eBayISAPI.dll?TimeShow" command="redirect"/>
</MENU>
</BUTTON>

<COMMANDS>
  <UNINSTALL name="uninstall"/>
  <CLEARHISTORY name="clearhistory"/>
  <LOCALHTML newbrowserwindow="false" href="options.html" name="aTJoaCVg"/>
  <WEBJUMP newbrowserwindow="false"
href="http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&SortPropert
y=MetaEndSort&query=%search" name="bTlWiIAT"/>
  <WEBJUMP newbrowserwindow="false"
href="http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&SortPropert
y=MetaEndSort&query=%search" name="CUikwDTB"/>
  <WEBJUMP newbrowserwindow="false" href="http://search-
desc.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&itemtimedisp=1&st=2&am
p;SortProperty=MetaEndSort&srchdesc=y&query=%search" name="DJhjhOR"/>
  <WEBJUMP newbrowserwindow="false"
href="http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&SortPropert
y=MetaEndSort&itf=2&query=%search" name="dyzPdqvj"/>
  <WEBJUMP newbrowserwindow="false"
href="http://cgi.ebay.com/ws/eBayISAPI.dll?MfcISAPICommand=ViewItem&item=%search"
name="UKlSgCzP"/>
  <WEBJUMP newbrowserwindow="false"
href="http://cgi6.ebay.com/ws/eBayISAPI.dll?ViewSellersOtherItems&include=0&sort=3&ro
ws=25&since=-1&rd=1&userid=%search" name="LtYaoNmb"/>
  <WEBJUMP newbrowserwindow="false" href="http://cgi3.ebay.com/aw-
cgi/eBayISAPI.dll?MfcISAPICommand=ViewBidItems&completed=0&sort=3&all=1&rows=25&a
mp;userid=%search" name="aWXdXDS1"/>
  <WEBJUMP href="" name="redirect"/>
  <WEBJUMP newbrowserwindow="false"
href="http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&SortPropert
y=MetaEndSort&query=%search" name="bXfovXTg"/>
</COMMANDS>

<SETTINGS>
  <MESSAGE id="corruptedMsg" default="One of the XML files is corrupted or invalid.
Press OK to uninstall."/>
  <MESSAGE id="uninstallMsg" default="This will remove the eBay Toolbar from your
computer! Are you sure?"/>
  <MESSAGE id="updateMsg" default="This will try to update the eBay Toolbar from the
server. Continue?"/>
  <MESSAGE id="autoUpdateMsg" default="New version of eBay Toolbar is available.
Would you like to download and install new version?"/>
  <MESSAGE id="versionError" default="Can not find current version information."/>
  <MESSAGE id="connectionError" default="Can't establish a connection."/>
  <MESSAGE id="lastVersionMsg" default="You have the latest version of the eBay
Toolbar."/>
  <MESSAGE id="contextMenuItemName" default="eBay Toolbar search"/>
  <MESSAGE id="closeAllWindowsForUpdate" default="All running IE Windows will be
closed before updating the eBay Toolbar. Continue?"/>

  <URL id="firstURL" default="http://www.softomate.com/">
  <URL id="serverpath" default="http://www.softomate.com/">
  <URL id="updateUrl" default="http://www.softomate.com/">
  <URL id="urlAfterUpdate" default="http://www.softomate.com/">
  <URL id="urlAfterUninstall" default="http://www.softomate.com/">
  <URL id="contextSearch" default="http://www.google.com/search?q=%s"/>

  <CHECKBOX id="OpenNew" default="0"/>
  <CHECKBOX id="AutoComplete" default="1"/>
  <CHECKBOX id="KeepHistory" default="1"/>
  <CHECKBOX id="RunSearchAutomatically" default="1"/>
  <CHECKBOX id="RunSearchDragAutomatically" default="1"/>
  <CHECKBOX id="DescriptiveText" default="1"/>
  <CHECKBOX id="ShowHighlightButton" default="1"/>
  <CHECKBOX id="ShowFindButtons" default="0"/>
  <CHECKBOX id="UpdateAutomatically" default="0"/>

  <COMBO id="EditWidthcombol" default="1"/>

  <RADIO name="EditWidthcombol" default="1">
    <id>Widthcombol0</id>
    <id>Widthcomboll</id>
    <id>Widthcombol2</id>
  </RADIO>
```

```

<FONT name="Tahoma" size="13"/>

<HIGHLIGHT>
  <COLOR>F6FF00</COLOR>
  <COLOR>00FFE4</COLOR>
  <COLOR>5AFF00</COLOR>
  <COLOR>0087FF</COLOR>
  <COLOR>FFCC00</COLOR>
  <COLOR>FF00F0</COLOR>
</HIGHLIGHT>

<COLOR_SCHEMA>

  <!-- Toolbar skin image -->
  <TOOLBAR_SKIN></TOOLBAR_SKIN>

  <!-- Toolbar color -->
  <TOOLBAR_FACE></TOOLBAR_FACE>

  <!-- Menu background color -->
  <MENU></MENU>

  <!-- Selected menu background color -->
  <SELECTED_MENU_ITEM></SELECTED_MENU_ITEM>

  <!-- Text color -->
  <TEXT></TEXT>

  <!-- Text of item(s) selected in a menu -->
  <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

  <!-- Grayed (disabled) text in a menu -->
  <GRAY_TEXT></GRAY_TEXT>

  <!-- Highlight color for three-dimensional display elements (for edges
  facing the light source.) -->
  <HIGHLIGHT3D></HIGHLIGHT3D>

  <!-- Shadow for three-dimensional display elements. -->
  <SHADOW3D></SHADOW3D>

</COLOR_SCHEMA>
</SETTINGS>
</TOOLBAR>

```

Example basis.xml for a Dogpile - like toolbar

```

<TOOLBAR icons="nav.bmp" hot_icons="nav.bmp" name="Dogpile Toolbar" dllname="toolbar">
  <BUTTON caption="" hint="My Logo" id="tb_btn_BuNHBiEm" img="" command="">
    <MENU type="Single" img="demo_logo.bmp" hotimg="demo_logo.bmp">
      <ITEM caption="Dogpile Home" hint="Search Dogpile" img=""
href="http://www.dogpile.com/info.dogpl.toolbar/" command="redirect"/>
      <ITEM caption="Advanced Search" hint="Search Dogpile with Advanced
Options" img="" href="http://www.dogpile.com/info.dogpl.toolbar/dog/advance.htm"
command="redirect"/>
      <SEPARATOR/>
      <ITEM caption="Toolbar Main" hint="Toolbar Home Page" img=""
href="http://www.dogpile.com/info.dogpl.tbar/" command="redirect"/>
      <ITEM caption="FAQ" hint="Frequently Asked Questions" img=""
href="http://www.dogpile.com/info.dogpl.toolbar/tbar/faq.htm" command="redirect"/>
      <ITEM caption="Tell a Friend" hint="Tell a Friend about Toolbar and Popu
Blocker" img="" href="http://www.dogpile.com/info.dogpl.toolbar/tbar/tellfriend.htm"
command="redirect"/>
      <ITEM caption="Terms of Use" hint="Terms of Use" img=""
href="http://www.dogpile.com/info.dogpl.toolbar/tbar/terms.htm" command="redirect"/>
      <ITEM caption="Tour" hint="Take a Tour of the Toolbar" img=""
href="http://www.dogpile.com/info.dogpl.toolbar/tbar/takeatour.htm" command="redirect"/>
      <ITEM caption="Uninstall" hint="" img="" command="uninstall"/>
      <SEPARATOR/>
      <ITEM caption="Clear History" hint="" img="" command="clearhistory"/>
    </MENU>
  </BUTTON>
  <BUTTON caption="Web Search" hint="" id="tb_btn_zLAKTfGu" img="60" command="">
    <MENU type="Single" img="" hotimg="">
      <ITEM caption="Web Search" hint="Web Search" img="60" command="SMIVGGNB"/>
      <ITEM caption="Stock Quotes and Research" hint="Stock Quotes and Research"

```

```
img="62" command="wGiwkpPm"/>
    </MENU>
    </BUTTON>
    <COMBO name="search" caption="" hint="" limit="40" histmax="10" id="tb_cmb_npiQZqPj"
command="fSfMUoUK">
    <WIDTH>100</WIDTH>
    <WIDTH>130</WIDTH>
    <WIDTH>150</WIDTH>
    </COMBO>
    <BUTTON caption="Highlight" hint="Highlight the search words in the web page"
id="tb_btn_vEkrDUki" img="55" command="Highlight"/>
    <BUTTON caption="Popup Blocker" hint="" id="tb_btn_VCoUfgjs" img="61"
command="blockPopups"/>
    <BANNER name="Ticker" url="http://www.softomate.net/tbuilder/ticker.htm" width="200"
id="tb_bnr_uxfYdZMb"/>
    <SEPARATOR/>
    <BUTTON caption="Yellow Pages" hint="Online Yellow Pages" id="tb_btn_HiDyQBOA" img="58"
href="http://www.dogpile.com/info.dogpl.toolbar/yellow-pages/" command="redirect"/>
    <SEPARATOR/>
    <BUTTON caption="White Pages" hint="Online White Pages" id="tb_btn_ZeWfEyAY" img="59"
href="http://www.dogpile.com/info.dogpl.toolbar/white-pages/" command="redirect"/>
    <COMMANDS>
    <UNINSTALL name="uninstall"/>
    <CLEARHISTORY name="clearhistory"/>
    <HIGHLIGHT name="Highlight"/>
    <BLOCKPOPUIS name="blockPopups" default="1"/>
    <WEBJUMP newbrowserwindow="false"
href="http://www.dogpile.com/info.dogpl.toolbar/dog/multiresults.htm?qcat=strmdia&cid=312084&
amp;top=1&fs=smd&&fs=smd&ver=14951&qkw=%search" name="fSfMUoUK"/>
    <WEBJUMP newbrowserwindow="false"
href="http://www.dogpile.com/info.dogpl.toolbar/dog/results?otmpl=dog/webresults.htm&qcat=web
&cid=312029&top=1&start=&ver=20244&qkw=%search" name="SMIvGGNB"/>
    <WEBJUMP newbrowserwindow="false"
href="http://finance.infospace.com/info.dogpl.toolbar/finance/quote/quote-out.htm?qsym=%search"
name="wGiwkpPm"/>
    <WEBJUMP href="" name="redirect"/>
    </COMMANDS>
    <SETTINGS>
    <MESSAGE id="corruptedMsg" default="One of the XML files is corrupted or invalid.
Press OK to uninstall."/>
    <MESSAGE id="uninstallMsg" default="This will remove the Dogpile Toolbar from your
computer! Are you sure?"/>
    <MESSAGE id="updateMsg" default="This will try to update the Dogpile Toolbar from
the server. Continue?"/>
    <MESSAGE id="autoUpdateMsg" default="New version of Dogpile Toolbar is available.
Would you like to download and install new version?"/>
    <MESSAGE id="versionError" default="Can not find current version information."/>
    <MESSAGE id="connectionError" default="Can't establish a connection."/>
    <MESSAGE id="lastVersionMsg" default="You have the latest version of the Dogpile
Toolbar."/>
    <MESSAGE id="contextMenuItemName" default="Dogpile Toolbar search"/>
    <MESSAGE id="closeAllWindowsForUpdate" default="All running IE Windows will be
closed before updating the Dogpile Toolbar. Continue?"/>
    <URL id="firstURL" default="http://www.dogpile.com"/>
    <URL id="serverpath" default="http://www.dogpile.com"/>
    <URL id="updateUrl" default="http://www.dogpile.com"/>
    <URL id="urlAfterUpdate" default="http://www.dogpile.com"/>
    <URL id="urlAfterUninstall" default="http://www.dogpile.com"/>
    <URL id="contextSearch" default="http://www.google.com/search?q=%s"/>
    <CHECKBOX id="OpenNew" default="0"/>
    <CHECKBOX id="AutoComplete" default="1"/>
    <CHECKBOX id="KeepHistory" default="1"/>
    <CHECKBOX id="RunSearchAutomatically" default="1"/>
    <CHECKBOX id="RunSearchDragAutomatically" default="1"/>
    <CHECKBOX id="DescriptiveText" default="1"/>
    <CHECKBOX id="ShowHighlightButton" default="1"/>
    <CHECKBOX id="ShowFindButtons" default="0"/>
    <CHECKBOX id="UpdateAutomatically" default="0"/>
    <COMBO id="EditWidthcombol" default="1"/>
    <RADIO name="EditWidthcombol" default="1">
    <id>Widthcombol0</id>
```

```

        <id>Widthcombol1</id>
        <id>Widthcombol2</id>
    </RADIO>

    <FONT name="Tahoma" size="13"/>

    <HIGHLIGHT>
        <COLOR>F6FF00</COLOR>
        <COLOR>00FFE4</COLOR>
        <COLOR>5AFF00</COLOR>
        <COLOR>0087FF</COLOR>
        <COLOR>FFCC00</COLOR>
        <COLOR>FF00F0</COLOR>
    </HIGHLIGHT>

    <COLOR_SCHEMA>

        <!-- Toolbar skin image -->
        <TOOLBAR_SKIN></TOOLBAR_SKIN>

        <!-- Toolbar color -->
        <TOOLBAR_FACE></TOOLBAR_FACE>

        <!-- Menu background color -->
        <MENU></MENU>

        <!-- Selected menu background color -->
        <SELECTED_MENU_ITEM></SELECTED_MENU_ITEM>

        <!-- Text color -->
        <TEXT></TEXT>

        <!-- Text of item(s) selected in a menu -->
        <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

        <!-- Grayed (disabled) text in a menu -->
        <GRAY_TEXT></GRAY_TEXT>

        <!-- Highlight color for three-dimensional display elements (for edges
facing the light source.) -->
        <HIGHLIGHT3D></HIGHLIGHT3D>

        <!-- Shadow for three-dimensional display elements. -->
        <SHADOW3D></SHADOW3D>

    </COLOR_SCHEMA>
</SETTINGS>
</TOOLBAR>

```

Example basis.xml for a pure HTML toolbar

You can use nothing but HTML for creating your toolbar if this way is more simple for you.

```

<TOOLBAR icons="nav.bmp" hot_icons="nav.bmp" name="HTML Template Toolbar" dllname="toolbar">
  <BANNER name="Ticker" url="http://www.softomate.net/tbuilder/ticker.htm" width="800"
id="tb_bnr_vmghemar"/>

  <COMMANDS>
    <WEBJUMP href="" name="redirect"/>
  </COMMANDS>

  <SETTINGS>
    <MESSAGE id="corruptedMsg" default="One of the XML files is corrupted or invalid.
Press OK to uninstall."/>
    <MESSAGE id="uninstallMsg" default="This will remove the HTML Template Toolbar
from your computer! Are you sure?"/>
    <MESSAGE id="updateMsg" default="This will try to update the HTML Template Toolbar
from the server. Continue?"/>
    <MESSAGE id="autoUpdateMsg" default="New version of HTML Template Toolbar is
available. Would you like to download and install new version?"/>
    <MESSAGE id="versionError" default="Can not find current version information."/>
    <MESSAGE id="connectionError" default="Can't establish a connection."/>
    <MESSAGE id="lastVersionMsg" default="You have the latest version of the HTML
Template Toolbar."/>
    <MESSAGE id="contextMenuItemName" default="HTML Template Toolbar search"/>
    <MESSAGE id="closeAllWindowsForUpdate" default="All running IE Windows will be
closed before updating the HTML Template Toolbar. Continue?"/>

```

```
<URL id="firstURL" default="http://www.softomate.net/tbuilder/" />
<URL id="serverpath" default="http://www.softomate.net/tbuilder/" />
<URL id="updateUrl" default="http://www.softomate.net/tbuilder/" />
<URL id="urlAfterUpdate" default="http://www.softomate.net/tbuilder/" />
<URL id="urlAfterUninstall" default="http://www.softomate.net/tbuilder/" />

<CHECKBOX id="OpenNew" default="0" />
<CHECKBOX id="AutoComplete" default="1" />
<CHECKBOX id="KeepHistory" default="1" />
<CHECKBOX id="RunSearchAutomatically" default="1" />
<CHECKBOX id="RunSearchDragAutomatically" default="1" />
<CHECKBOX id="DescriptiveText" default="1" />
<CHECKBOX id="ShowHighlightButton" default="1" />
<CHECKBOX id="ShowFindButtons" default="0" />
<CHECKBOX id="UpdateAutomatically" default="0" />

<FONT name="Tahoma" size="13" />

<HIGHLIGHT>
  <COLOR>F6FF00</COLOR>
  <COLOR>00FFE4</COLOR>
  <COLOR>5AFF00</COLOR>
  <COLOR>0087FF</COLOR>
  <COLOR>FFCC00</COLOR>
  <COLOR>FF00F0</COLOR>
</HIGHLIGHT>

<COLOR_SCHEMA>

  <!-- Toolbar skin image -->
  <TOOLBAR_SKIN></TOOLBAR_SKIN>

  <!-- Toolbar color -->
  <TOOLBAR_FACE></TOOLBAR_FACE>

  <!-- Menu background color -->
  <MENU></MENU>

  <!-- Selected menu background color -->
  <SELECTED_MENU_ITEM></SELECTED_MENU_ITEM>

  <!-- Text color -->
  <TEXT></TEXT>

  <!-- Text of item(s) selected in a menu -->
  <HIGHLIGHT_TEXT></HIGHLIGHT_TEXT>

  <!-- Grayed (disabled) text in a menu -->
  <GRAY_TEXT></GRAY_TEXT>

  <!-- Highlight color for three-dimensional display elements (for edges
facing the light source.) -->
  <HIGHLIGHT3D></HIGHLIGHT3D>

  <!-- Shadow for three-dimensional display elements. -->
  <SHADOW3D></SHADOW3D>

</COLOR_SCHEMA>
</SETTINGS>
</TOOLBAR>
```