EUI Macro Reference

This topic lists the custom macros you can use in Agiloft EUI Templates. See Macros, Methods, and Conditionals for more information on using macros.

Macros

Macros are based on the Velocity template language. Each of these can be used to insert Agiloft forms and data into the end user portal. Read more about creating a custom portal in the EUI Portal Tutorial or check out the online training.

The `$subtypeName` parameter is used in several EUI macros. It refers to the logical table name, which can be found in the Table wizard. For example, the logical table name for the Contracts table is `contract`. For subtables, the syntax is `table.subtype`, for example `person.employee` or `ticket.enhancement`.

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ew_chat

```
#ew_chat($sessionHash)
```

This macro lets end users start a chat session. It forms a URL with the chat session ID encoded.

Usage example:

```
<a href='#ew_chat("46326e7a79564f5a3271376f4257786b5945344e46413d3d")'
target=blank>Do chat!</a>
```

You can obtain the sessionHash from the Chat setup as follows:

1. First select "Web page outside the program" on the General tab.

2. Then copy the session Hash displayed on the HTML tab.
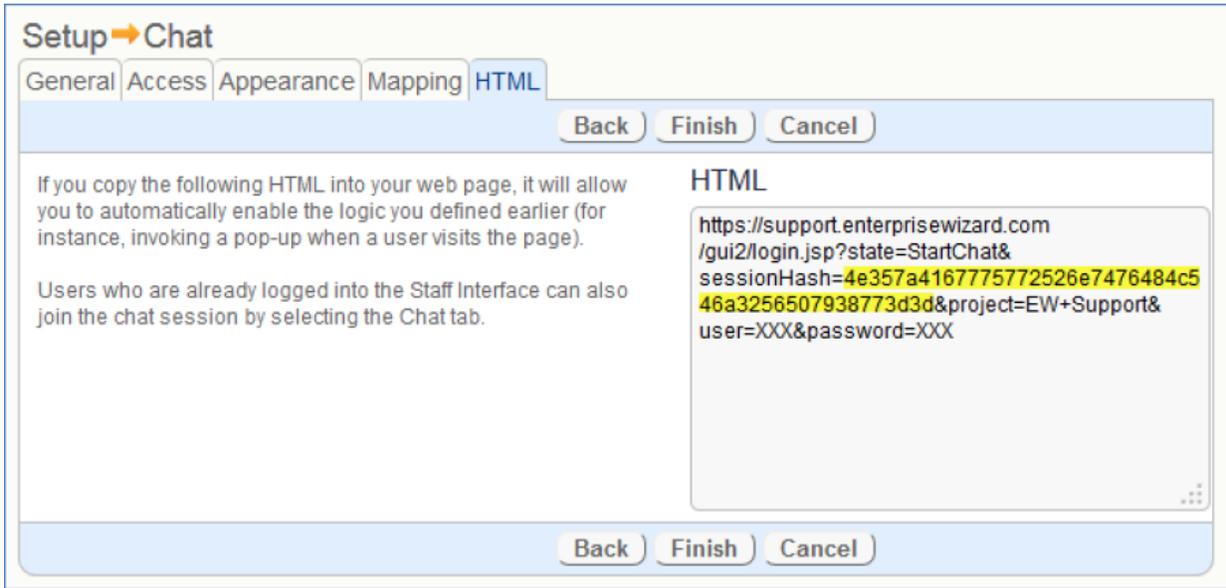
ew_create_record

```
#ew_create_record($subtypeName $returnURL $returnFrame)
```

Use this macro to insert a new record form into an EUI template. It creates a URL that links to the standard record create page for a given table.

Parameter Name	Description
$subtypeName	Logical name of the table in which the new record should be created. The logical name is shown in the tables wizard. Can contain subtable chains like case.question, contact. employee etc.
$returnURL	URL to return to after the ticket is created or cancel is pressed.
$returnFrame	Name of the iframe that contains the view of the table that needs to be refreshed once the operation is completed.

ew_dashboard

```
#ew_dashboard($dashboardName $showMenu)
```

Use this macro to insert a dashboard URL into an EUI template. Place the URL in a frame or other HTML content container to show a dashboard in the EUI. Note that dashboards are shown according to user permissions, and that users who are not part of a power user group can only be shown Hotlink, Table, URL, Image and Text widgets.

Parameter Name	Description
$dashboardName	The name of the dashboard as it appears in the dashboard list. If the $dashboardName value is empty, the most recently selected dashboard is shown; if no dashboard has been selected, the default dashboard is shown.
$showMenu	Use $showMenu to specify whether to show the dashboards drop-down list at the top. If the $showMenu value is empty, the default setting is True, which shows the list.

ew_edit_record

#ew_edit_record($subtypeName $recordId $returnURL $returnFrame)

This macro inserts a record edit form into an EUI template. It creates a URL that links to the standard record editing page for a given table and record ID.

Parameter Name	Description
$subtypeName	Logical name of the table in which the new record should be created. The logical name is shown in the tables wizard. Can contain subtable chains like case.question, contact.employee etc.
$recordId	The ID of the record to edit
$returnURL	URL to return to after the ticket is created or cancel is pressed
$returnFrame	Name of the iframe that contains the view of the table that needs to be refreshed once the operation is completed.

ew_faq

#ew_faq($subtypeName)

Inserts the FAQ interface for a given table, as defined in the FAQ setup. See Search FAQ Setup for more information.

ew_forward

```
$ew_forward($templateName)
```

This URL simply creates links between EUI template pages without losing the user's session ID. Use this whenever you create links between pages; it creates a URL to forward the user to the specified template.

Parameter Name	Description
`$templateName`	Template name. If the template doesn't exist, using this URL will result in an error to allow the designer to debug and fix errors

Example usage:

```
<a href="#ew_forward("testContacts.htm")">Contacts</a>
```

ew_image

```
#ew_image($imageName)
```

Forms the URL to the image with the given name. As an admin user, you can upload images to your KB via the power user interface in the Look & Feel section. The `$imageName` parameter should be a relative path to the image from the Agiloft file directory. For example:

```
<img src="#ew_image('/gif/icon21.png')" alt="Next" />
```

Image names with spaces or special characters should be properly URL encoded. For example, linking to an image called `icon 21.png` requires the following format, replacing the space with `%20`:

```
<img src="#ew_image('/gif/icon%2021.png')" alt="Next" />
```

ew_include

```
#ew_include($templateName)
```

This macro is a shortcut to include the contents of one EUI Template in another.

Parameter Name	Description
`$templateName`	

Includes $templateName into the current one. This allows admins to reuse common pieces of code in different templates. See EUI Template Configuration for an example of how this can be used.

ew_languages

`#ew_languages($controlName $onChange $controlStyle)`

Renders a list of available languages for the current user with a particular HTML style. The style needs to be passed here as a parameter, because Agiloft will render the HTML control automatically, making it impossible to customize its appearance any other way.

Parameter Name	Description
`$controlName`	Required name of the HTML select list.
`$onChange`	JavaScript code to be run when a language is selected.
`$controlStyle`	CSS class name for the select list control.

ew_languages_all

`#ew_languages_all($controlName $onChange $controlStyle)`

Renders a list of all languages available in the system with a particular HTML style. You need to pass the style here as a parameter, because Agiloft will render the HTML control automatically, making it impossible to customize its appearance any other way.

Parameter Name	Description
`$controlName`	Required name of the HTML select list.
`$onChange`	JavaScript code to be run when a language is selected.
`$controlStyle`	CSS class name for the select list control.

ew_locale

`#ew_locale($localeName)`

Sets the language (locale) for the current user session to the specified one if the language is available for the user.

Parameter Name	Description
`$localeName`	ISO-639 language code ("en", "de", "fr")

ew_logins

`#ew_login($kbName $redirectTo)`

Prints the Agiloft login URL. This tag must be enclosed in <form> with input controls "login", "password" inside. If no user and login is passed, then system will attempt to login under the predefined user eui2/qwerty. Create this user in your KB to use this default.

Parameter Name	Description
`$kbName`	name of KB to login
`$redirectTo`	name of template to be used after successful login

ew_logout

`#ew_logout($url)`

Logs out of Agiloft and redirects the user to the specified URL.

Parameter Name	Description
`$url`	URL to be redirected after logout, such as a confirmation message or intranet home page.

Example usage
`<a href="#ew_logout("http://www.example.com")">Click to logout</a>`

ew_new_search

`#ew_new_search($subtypeName $frameName $allowSaving $returnURL $params)`

Provides a piece of JavaScript, mostly for use in onClick event handlers, that runs the new Saved Search wizard. When returning to `$returnURL`, an additional request parameter is appended for the created saved search - searchID. You can use it in your own code, for example to update a list of available Saved Searches.

Parameter Name	Description
`$subtypeName`	Table for which the search should be created
`$frameName`	The name of HTML iframe in which to display the results after the Wizard has finished.
`$allowSaving`	"true" if the user should be allowed to save the created search, otherwise "false".
`$returnURL`	URL that should be applied to $frameName after wizard has finished. If "", than the standard table search will be used.
`$params`	Visualization Parameters formed as a request query, e.g. "showstatus=false&showpages=false..." etc. They will be applied to the table view for $subtypeName. Use this parameter if you leave $returnURL empty. Otherwise add required Parameters to $returnURL directly.

ew_query

`#ew_query($subtypeName $frameName $controlId $params $viewName)`

Provides a piece of JavaScript, mostly for use in onClick or onChange event handlers, that runs a search for a table in an iframe.

Parameter Name	Description
`$subtypeName`	The name of the table to show
`$frameName`	The name of HTML iframe in which to display the results.
`$controlId`	The id of the HTML control which contains the query to use (for example a form field)
`$params`	String of request Parameters that will be passed to the table in $frameName. See the #ew_table macro, and the following parameter list for details.
`$viewName`	Label of the View to be applied to the search results

ew_recordfield

`#ew_recordfield ($fieldName $subtypeName $recordID)`

Forms the URL to show the field value from the record and table specified.

Parameter Name	Description
`$fieldName`	Field name in the selected table, for example "description" or "attached_files".
`$subtypeName`	Logical table name containing the record, e.g. "document" or "person.employee".
`$recordID`	The ID of the record you want to access, e.g. 224.

Example Usage
`#ew_recordfield("description_text" "document" 224)`

ew_repchart

`#ew_repchart ($repchartName $repchartType $tableName)`

Forms the URL to show the Report or Chart with the given name from the specified table.

Parameter Name	Description
`$repchartName`	Name of report or chart as listed in the Table Charts/Reports list.
`$repchartType`	Type of the report or chart. Allowed values are [html, image, excel, plain/text].
`$tableName`	Name of the table containing the report or chart.

ew_scripts

`#ew_scripts()`

Introduces a link to certain required JavaScript functions. The default Agiloft EUI requires some custom JavaScript code. Use it within a page's <head> tag if you are getting strange behavior and / or JavaScript errors about null and undefined objects in your portal templates.

ew_searches_list

`#ew_searches_list($subtypeName $frameName $controlName $controlStyle $params $selectedSearch $viewName)`

Draws an HTML select list control with the Saved Searches available, taking into account access permissions.

Parameter	Description

Name	
$subtypeName	Name of the table for which to display the appropriate searches.
$frameName	Name of the iframe that contains the view of the table that needs to be refreshed once a search is selected.
$controlName	Required name of the HTML select list.
$controlStyle	CSS class name to be applied to the select list.
$params	String of the request Parameters that will be passed to the table in $frameName. See the #ew_table macro, and the following parameter list for details.
$selectedSearch	Name of the search to be selected in list initially
$viewName	Label of the View to be applied to the search results

ew_session

```
#ew_session()
```

Prints Agiloft session ID to screen, and requires no parameters. This may be used to 'manually' construct a URL that contains the session information.

Example

```
<a href="/gui2/eui2template/testContacts.htm;#ew_session()">Contacts</a>
```

results in:

Output

```
<a href="/gui2/eui2template/testContacts.htm;jsessionid=D7988DF0E8E173...
```

ew_status

```
#ew_status()
```

Prints to screen last operation status stored in the request, ActionStatus. This macro requires no parameters.

ew_table

```
#ew_table($subtypeName $viewName $searchName $queryString $params $frameName
$frameStyle $showLabel)
```

Draws an HTML iframe with the specified Agiloft table displayed inside it.

Parameter Name	Description
`$subtypeName`	The table to show.
`$viewName`	The view to use for table. Note that it's localized for now, so different names should be used for different languages
`$searchName`	The search name to apply to the table. Can be used simultaneously with $queryString
`$queryString`	The query to be applied to the table. When used, the result is the same as if the user had typed the contents of this string into the search box. See the #ew_query macro below.
`$params`	Visualization Parameters formed as a request query, e.g. "showstatus=false&showpages=false..." etc. Use it for precise tuning of the table's display features. See the parameter list at the end of this section for more details.
`$frameName`	The required name of the resulting iframe. This is needed so that you can refer to it in other macros or pieces of JavaScript (for example to refresh the table view after a search has been applied - see the tutorial).
`$frameStyle`	The CSS style name to be applied to the iframe.

ew_user

```
#ew_user()
```

Prints the current user login to screen. This macro does not take parameters.

ew_userfield

```
#ew_userfield($fieldName)
```

Prints the current user's record field value. This macro is rendered to be human-readable; for example, choice values will be returned as 'Yes'.

Parameter	Description

Name	
`$fieldName`	A logical name of the field to return. Example: `#ew_userfield ("_16_company_name0")`

ew_userid

`#ew_userid()`

Prints the current user ID to screen; requires no parameters.

ew_url

`#ew_url($url)`

Parameter Name	Description
`$url`	Prints to screen $url with the application url prefix and session data encoded. If you want to make an asset for your portal page available for portal users but not to anyone else, for example an image logo, then you can upload it to the Agiloft server, and use this macro to construct a URL, including session information, to retrieve it.

Example usage:

```
<img border = "0" src = "#ew_url("images/logo.jpg")"/>
```

ew_view_record

`#ew_view_record($subtypeName $recordId $returnURL $returnFrame)`

Creates a URL which links to the record view.

Parameter Name	Description
`$subtypeName`	Logical name of the table in which the record should be viewed.
`$recordId`	The ID of the record to view.
`$returnURL`	URL to return to after the ticket is created or cancel is pressed
`$returnFrame`	

	Name of the iframe that contains the view of the table that needs to be refreshed once the operation is completed.

Visualization Parameters ($params)

Visualization parameters apply to the following macros:

- #ew_table
- #ew_searches_list
- #ew_query
- #ew_new_search

Parameter Name	Values (default in bold)	Description
showSearchCriteria	**true**, false	Whether used search criteria will be shown to user
workWithPopUp	true, **false**	Determines whether edit and new operations should be performed with window
showToolBar	**true**, false	Show action bar on top of table
showLabel	**true**, false	Show label for the table
showNavigation	**true**, false	Show pages navigation above the table
showStatus	**true**, false	Show status of operations on above the table
showfastsearch	**true**, false	Show search dialog for the table
search_context	true, **false**	Turn on Context for text searches Usage: turn on Context for text searches from the EUI2 by using: `#ew_query("contract" "my_table" "queryId" "showToolBar=false&showNavigation=true&showfastsearch=fa`
_saved_search_id	any saved search id	Filter text searches by a saved search Usage:

		#ew_query("contract" "my_table" "queryId" "showToolBar=false&showNavigation=true&showfastsearch=fa
showLabel	**true**, false	Show table label above the table or record