

## Core APIs - Bug # 56347

<b>Status:</b>	Resolved	<b>Priority:</b>	Must have
<b>Author:</b>	Helmut Hummel	<b>Category:</b>	
<b>Created:</b>	2014-02-26	<b>Assigned To:</b>	Francois Suter
<b>Updated:</b>	2014-03-27	<b>Due date:</b>	
<b>Subject:</b>	Document new API to register an Ajax handler for the backend		
<b>Description</b>			
<p>New API has been added to register backend ajax handlers.</p> <pre>\TYPO3\CMS\Core\Utility\ExtensionManagementUtility::registerAjaxHandler('TxMyExt::process',   '\Vendor\Ext\AjaxHanlder-&gt;process');</pre> <p>Along with that, new API has been added to get the Ajax URL for a given AjaxId. This URL will contain a CSRF protection token that will be checked in the ajax.php dispatcher:</p> <pre>\$ajaxUrl = \TYPO3\CMS\Core\Utility\BackendUtility::getAjaxUrl('TxMyExt::process');</pre> <p>It is recommended that this URL is then passed to the page renderer inline settings:</p> <pre>\$pageRenderer-&gt;addInlineSetting('MyExt', 'ajaxUrl', BackendUtility::getAjaxUrl('TxMyExt::process'));</pre> <p>These settings can then be easily accessed in JavaScript context of that page:</p> <pre>var ajaxUrl = TYPO3.settings.MyExt.ajaxUrl;</pre>			
<b>Related issues:</b>			
related to Core - Task # 56345: Add API to CSRF protect Ajax calls in Backend		<b>Resolved</b>	<b>2014-02-26</b>
related to Core - Task # 57096: Cleanup Ajax URL JS settings		<b>Resolved</b>	<b>2014-03-20</b>

### Associated revisions

#### Revision 394593fa - 2014-03-27 21:48 - Francois Suter

[FEATURE] New AJAX handle registration API

Demonstrate the new API to register AJAX handlers in the TYPO3 BE.

Additionally the section about AJAX calls in the BE needs to be fully updated.

Resolves: #56347

Releases: 6.2

Change-Id: I5f51df4bcc0cb982a6b308fee76d048e74b5c5b

Reviewed-on: <https://review.typo3.org/28920>

Reviewed-by: Francois Suter

Tested-by: Francois Suter

## History

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### #1 - 2014-02-26 19:10 - Helmut Hummel

Registering an Ajax script the "old" way by just adding it to TYPO3\_CONF\_VARS is then deprecated.

### #2 - 2014-02-28 08:44 - Francois Suter

- Project changed from Documentation to Core APIs

### #3 - 2014-02-28 08:44 - Francois Suter

- Target version set to 6.2

### #4 - 2014-03-03 10:39 - Michael Schams

Hi, I am just documenting this new feature for the **What's New Slides** and stumbled across this ticket :-)

I am sure, you would pick this up yourself, but just in case... I assume the first code example should read:

```
\TYPO3\CMS\Core\Utility\ExtensionManagementUtility::registerAjaxHandler('TxMyExt::process', '\Vendor\MyExt\AjaxHandler->process');
```

There is a typo in the second parameter: "AjaxHanlder" -> "AjaxHandler", and maybe use "MyExt" for consistency?

### #5 - 2014-03-19 17:46 - Francois Suter

- Status changed from New to Accepted

- Assigned To set to Francois Suter

- Priority changed from Should have to Must have

### #6 - 2014-03-22 18:08 - Helmut Hummel

Please be note that the API will slightly change to ease the use for extension developers and streamline the usage in core.

Here the updated description:

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New API has been added to register an Ajax handler for the backend.

```
\TYPO3\CMS\Core\Utility\ExtensionManagementUtility::registerAjaxHandler('TxMyExt::process', 'Vendor\Ext\AjaxHandler->process');
```

Along with that, URLs to all registered handlers will be published to JavaScript inline settings and can be looked up by providing the Ajax ID:

```
var ajaxUrl = TYPO3.settings.ajaxUrls['TxMyExt::process'];
```

Registering an Ajax script the "old" way by just adding it to TYPO3\_CONF\_VARS has been deprecated, but no deprecation log is been written and the handler still work in a backwards compatible way.

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This also means that

```
\TYPO3\CMS\Core\Utility\BackendUtility::getAjaxUrl();
```

Is not meant to be called in user land code any more and the method has been marked internal.

Sorry for changing this so late, but I think it is a great API improvement which evolved by changing the JavaScript in the core along the way.

**#7 - 2014-03-24 21:56 - Francois Suter**

Remove mention about missing documentation in What's new section and add link to updated chapter instead.

**#8 - 2014-03-27 21:48 - Gerrit Code Review**

- *Status changed from Accepted to Under Review*

Patch set 1 for branch **master** of project **Documentation/TYPO3/Reference/CoreApi** has been pushed to the review server.

It is available at <https://review.typo3.org/28920>

**#9 - 2014-03-27 22:39 - Francois Suter**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:394593fafdb3fdc3ce73ad5f93ca0b5be8f5200e.