Base Distribution - Task # 48074

Status:	Resolved	**Priority:**	Must have
Author:	Aske Ertmann	**Category:**	
Created:	2013-05-08	**Assigned To:**	Adrian Föder
Updated:	2014-03-04	**Due date:**	

Subject:	Neos backend no conflict mode

Description

Currently the JavaScript for the Neos backend is not properly contained so it breaks when a page has its own version of jQuery or RequireJS. This needs to be fixed to allow using Neos with all kinds of templates.

RequireJS has already some support of loading things asynchronously and with different versions at the same time, which could probably be used to solve some of the issues.

Related issues:

related to TYPO3.Neos - Bug # 47510: Content editing is broken when page uses...	**Resolved**	**2013-04-23**
related to TYPO3.Neos - Bug # 53883: Mismatched anonymous define() module	**Resolved**	**2013-11-22**

Associated revisions

Revision 856803b4 - 2014-03-04 15:02 - Rens Admiraal

[BUGFIX] Neos backend breaks if the frontend uses requirejs

When the frontend of a website is using requirejs the backend of
Neos does not load, or the content editing does not work. This change
puts all Neos requirejs configuration in the 'neos' context and
wraps requirejs to prevent a double declaration of requirejs.

It also changes the way requirejs is included as the data-main
attribute will not work if requirejs is already defined in the
frontend.

Change-Id: I166593bd6d53a24b4f65e29c2622a4a9f437d2d7
Fixes: #47510
Fixes: #48074
Fixes: #53883
Releases: master
Reviewed-on: https://review.typo3.org/26487
Reviewed-by: Rens Admiraal
Tested-by: Rens Admiraal
Reviewed-by: Robert Lemke

History

#1 - 2013-05-08 22:46 - Aske Ertmann

- Assigned To set to Adrian Föder

Hey Adrian

I believe you have some insight to this, could you maybe provide some more information about the issues you have experienced?

Thanks

#2 - 2013-05-17 10:48 - Christian Müller

- Status changed from New to Needs Feedback

We merged a big change that should improve this a lot. Please try if it is better for you, then we could close this issue for now.

#3 - 2013-05-17 10:52 - Adrian Föder

sorry missed the assignment; my problem was that I already included require.js on my own, hence no backend at all was loaded. I assume this is a side-effect of requirejs because once it's loaded (the one I provided), it stops looking for data-main arguments anywhere, hence the one Neos provides.

#4 - 2013-05-17 12:31 - Aske Ertmann

Just to be clear have you tried it again or? We improved a lot of the conflicts, but AFAIK RequireJS still conflicts. Most other JS frameworks shouldn't however.

#5 - 2013-05-17 17:28 - Adrian Föder

I tried it and it's definitely not gone.

This is, IMO, a plain requireJS issue because I **think** requireJS starts itself as soon as it's executed, hence no further DOM loading happened.
RequireJS then searches for the last <script> tag until that moment and finds out "its" script tag then.
Then it looks at the data-main attribute on that tag and starts its actual work.

When included manually, requireJS starts itself, does not find a relevant data-main attribute and does nothing. Later in the DOM building process, the neos-<script> with its data-main attribute is there, but the new loaded (neos) require.js does nothing because another require.js is already present.

#6 - 2013-05-18 14:21 - Aske Ertmann

Will you try to have a go fixing this or should we assign this to Sebastian or Rens for a possible solution to the issue?

#7 - 2013-07-11 23:43 - Aske Ertmann

- Target version set to 1.0 beta 1

#8 - 2013-11-22 16:48 - Alexander Schnitzler

Any update on this one? Beta1 is released so what's the plan here?

It sound's a little mean but I want to manage modern pages with Neos, not the ones I did in the late 90s. Don't take me too serious but this one is really an issue here.

I just opened another bug report as this error also occures with foundation 5 now. Cannot exactly say who is to blame here but I cannot turn off my local js everytime I want to edit my content. Though, being able to sell this, I would be rich a lot sooner. ;-)

#9 - 2013-12-22 14:58 - Gerrit Code Review

- Status changed from Needs Feedback to Under Review

Patch set 5 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at https://review.typo3.org/26487

#10 - 2013-12-23 23:16 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at https://review.typo3.org/26487

#11 - 2014-03-04 15:01 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.Neos** has been pushed to the review server.

It is available at https://review.typo3.org/26487

#12 - 2014-03-04 15:35 - Rens Admiraal

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:856803b48053815be74706044477cbae6f850e27.