TYPO3 Core - Bug #93227

Requirejs Loader does not work after Backend route change

2021-01-06 06:46 - Benjamin Franzke

Status:	Closed		**Start date:**	2021-01-06
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Backend JavaScript		**Estimated time:**	0.00 hour
Target version:	11.1			
TYPO3 Version:	11		**Complexity:**	
PHP Version:			**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

If not logged in in backend mode, the requirejs loader is used to fetch configuration for non "public" extensions.

That means, invoking the following javascript on the backend login page will currently cause a 500 internal server error:

```
window.require(['TYPO3/CMS/Dashboard/Grid']);
```

(This is just an example, this could also be RsaAuth..)

Following error occurs:

```
requirejs-loader-04fc729459eefbea7c13b9ba7149b326.js:67 GET http://t3core-symlinked.localhost/typo
3/ajax/core/requirejs&name=TYPO3%2FCMS%2FDashboard%2FGrid 500 (Internal Server Error)
```

Now, this happens because the URL is /typo3/ajax/core/requirejs&name but it should be /typo3/ajax/core/requirejs?name – otherwise no route will be found.

Furthermore requirejs error handling wasn't propagated in this case.
That means javascript that provided an errback method to requirejs is not executed:

```
window.require(['TYPO3/CMS/Dashboard/Grid'], (m) => console.log('not called because of wrong route
'), (e) => {console.error('error propagated – not called because of missing error propagation: ' +
 e),console.log(e, e.originalError)})
```

Also, requiring an invalid module should cause the errback to be invoked:

```
window.require(['invalid-module'], (m) => console.log('will not be called'), (e) => {console.error
('error propagated: ' + e),console.log(e, e.originalError)})
```

Expected output:

```
VM2882:1 error propagated: Error: requirejs fetchConfiguration for invalid-module failed [404]
VM2882:1 Error: requirejs fetchConfiguration for invalid-module failed [404]
    at requirejs-loader-921bd94da48f0939a1e31eb77e919040.js:132
    at XMLHttpRequest.xhr.onreadystatechange (requirejs-loader-921bd94da48f0939a1e31eb77e919040.js
:60) Error: Not Found
    at XMLHttpRequest.xhr.onreadystatechange (requirejs-loader-921bd94da48f0939a1e31eb77e919040.js
:60)
```

Actual output:
No, as no handler is invoked.

Related issues:

Related to TYPO3 Core - Feature #93048: Introduce URL rewrites for Backend links		**Closed**	**2020-12-10**

Associated revisions

Revision 205df901 - 2021-01-06 13:07 - Benjamin Franzke

[BUGFIX] Fix requirejs-loader config and error handling

Adapt the fetch-configuration URL query string, to account for the
backend url change in #93048, in order to use a questionmark
to concatenate the query string instead of an ampersand.
But allow for both, base URLs with and without question mark,
as frontend context via eID would still require an ampersand
for concatenation.

Also fix a error callback name clash and properly propagate
fetchConfiguration errors through the requirejs error handling,
for requirejs errbacks to be invoked.

Resolves: #93227
Related: #93048
Releases: master, 10.4
Change-Id: If843db529e19e6af2681871a2d6307d67acbea56
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/67346
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Richard Haeser <richard@richardhaeser.com>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Oliver Bartsch <bo@cedev.de>
Tested-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Richard Haeser <richard@richardhaeser.com>
Reviewed-by: Oliver Bartsch <bo@cedev.de>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>

Revision 8f9bc112 - 2021-01-06 13:41 - Benjamin Franzke

[BUGFIX] Fix requirejs-loader config and error handling

Adapt the fetch-configuration URL query string, to account for the
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Change-Id: If843db529e19e6af2681871a2d6307d67acbea56
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/67307
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>

History

#1 - 2021-01-06 06:47 - Benjamin Franzke

- Related to Feature #93048: Introduce URL rewrites for Backend links added

#2 - 2021-01-06 06:50 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/67346

#3 - 2021-01-06 13:08 - Gerrit Code Review

Patch set 1 for branch **10.4** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/67307

#4 - 2021-01-06 13:11 - Benjamin Franzke

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [205df9011d1cae5b71ea61a691d067d0376a4009](#).

#5 - 2021-02-23 13:12 - Benni Mack

- Status changed from Resolved to Closed