

TYPO3 Core - Feature #90522

Introduce AssetCollector

2020-02-24 17:39 - Frank Naegler

Status:	Closed	Start date:	2020-02-24
Priority:	Must have	Due date:	
Assignee:	Frank Naegler	% Done:	100%
Category:	Frontend	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:		Sprint Focus:	
Tags:			
Description			
<p>AssetCollector is a concept to allow custom CSS/JS code, inline or external, to be added multiple times in e.g. a Fluid template (via <code><f:script></code> or <code><f:css></code> ViewHelpers) and only be added once.</p> <p>It considers best practices by having a "priority" flag to be either be moved in the <code><head></code> area (for CSS useful in above-the-fold concepts) or at the bottom of the <code><body></code> tag contents.</p> <p>AssetCollector helps to work with content elements as components, reducing effectively the amount of CSS to be loaded and also incorporates the HTTP/2 power where it is not relevant to have all files compressed and concatenated in one file (although this could be added later-on).</p> <p>AssetCollector is implemented as singleton and should slowly replace the various existing options in TypoScript which seem to be confusing.</p> <p>AssetCollector also collects information about "imagesOnPage" effectively taking off pressure from PageRenderer and TSFE to store common data in FE - as this is now handled in AssetCollector, which can be used in cached and non-cached components.</p>			
Related issues:			
Related to TYPO3 Core - Bug #92051: f:asset.script breaks ampersands and thus...		New	2020-08-19

Associated revisions

Revision 7e342e74 - 2020-02-25 07:05 - Benni Mack

[FEATURE] Introduce AssetCollector

AssetCollector is a concept to allow custom CSS/JS code, inline or external, to be added multiple times in e.g. a Fluid template (via `<f:script>` or `<f:css>` ViewHelpers) and only be added once.

It considers best practices by having a "priority" flag to be either be moved in the `<head>` area (for CSS useful in above-the-fold concepts) or at the bottom of the `<body>` tag contents.

AssetCollector helps to work with content elements as components, reducing effectively the amount of CSS to be loaded and also incorporates the HTTP/2 power where it is not relevant to have all files compressed and concatenated in one file (although this could be added later-on).

AssetCollector is implemented as singleton and should slowly replace the various existing options in TypoScript which seem to be confusing.

AssetCollector also collects information about "imagesOnPage" effectively taking off pressure from PageRenderer and TSFE to store common data in FE - as this is now handled in AssetCollector, which can be used in cached and non-cached components.

Resolves: #90522
Releases: master
Change-Id: I6ce8141ad8891a7a8ee6d4f8a7377d93a894c3b8
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+63327>
Tested-by: Daniel Goerz <daniel.goerz@posteo.de>
Tested-by: Georg Ringer <georg.ringer@gmail.com>
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Kevin Appelt <kevin.appelt@icloud.com>
Tested-by: Daniel Gohlke <daniel.gohlke@extco.de>
Tested-by: Susanne Moog <look@susi.dev>
Reviewed-by: Daniel Goerz <daniel.goerz@posteo.de>
Reviewed-by: Georg Ringer <georg.ringer@gmail.com>
Reviewed-by: Kevin Appelt <kevin.appelt@icloud.com>
Reviewed-by: Daniel Gohlke <daniel.gohlke@extco.de>
Reviewed-by: Susanne Moog <look@susi.dev>

History

#1 - 2020-02-24 17:43 - Frank Naegler

- Subject changed from Introduce AssetCollectort and AssetRenderer to Introduce AssetCollector

#2 - 2020-02-24 18:12 - Gerrit Code Review

- Status changed from In Progress to Under Review

Patch set 4 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/+63327>

#3 - 2020-02-24 18:18 - Gerrit Code Review

Patch set 5 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/+63327>

#4 - 2020-02-24 19:23 - Gerrit Code Review

Patch set 6 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/+63327>

#5 - 2020-02-24 19:57 - Gerrit Code Review

Patch set 7 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/+63327>

#6 - 2020-02-24 21:40 - Gerrit Code Review

Patch set 8 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/+63327>

#7 - 2020-02-24 21:41 - Gerrit Code Review

Patch set 9 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/+63327>

#8 - 2020-02-24 22:07 - Gerrit Code Review

Patch set 10 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/+63327>

#9 - 2020-02-24 22:56 - Gerrit Code Review

Patch set 11 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/+63327>

#10 - 2020-02-24 23:27 - Gerrit Code Review

Patch set 12 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/+63327>

#11 - 2020-02-25 00:08 - Gerrit Code Review

Patch set 13 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/+63327>

#12 - 2020-02-25 07:30 - Benni Mack

- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset [7e342e74de1b207032b1eaa494357a2cec0d4a11](#).

#13 - 2020-02-27 12:44 - Benni Mack

- Status changed from Resolved to Closed

#14 - 2020-08-19 14:44 - Oliver Hader

- Related to Bug #92051: `f:asset.script` breaks ampersands and thus functionality added