

## TYPO3 Core - Story #69712

### Further FormEngine development

2015-09-12 13:01 - Christian Kuhn

<b>Status:</b>	New	<b>Start date:</b>	2011-12-01
<b>Priority:</b>	Could have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	90%
<b>Category:</b>	FormEngine aka TCEforms	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Tags:</b>	
<b>TYPO3 Version:</b>	7	<b>Sprint Focus:</b>	
<b>PHP Version:</b>			

#### Description

This story is a parent issue of further FormEngine development. Bug fixes after main patch are handled with [#69617](#)

Main FormEngine:

- Everything around FormDataCompiler is for fetching, creating, adding and manipulating data. A huge array is returned.
- The data array is then given to "render part", the container / element structure.

Main goals:

- The data provider in FormDataCompiler should work on as little "external" data as possible, use and enrich the given data array with small provider classes that focus on single pieces of the result array.
- Data provider should be unit tested as much as possible. Basically every change in this area should be reflected by test changes, too.
- In the end, the "render part" should not do any \$GLOBALS access anymore or fetch additional data via db requests or similar. It should only work on the given data array to render result data.

Secondary goals:

- Streamline the HTML output.
- Simplify array structures.
- Reduce dependencies to third party code, especially to BackendUtility.

#### Subtasks:

Task # 69714: Split TcaFlex provider	Closed
Task # 69715: Flex: Better encapsulation	Closed
Task # 69716: Flex: Prepare "meta" in provider	Closed
Task # 69717: Flex: Fix langChildren=1 rendering	Closed
Task # 69718: Flex: Move TCA migration to data provider	Closed
Task # 69719: Flex: Fix hardcoded title	Closed
Task # 69720: Flex: Further remove "TCEforms" from data structure	Closed
Task # 69721: Inline BackendUtility::getRecordTitle as data provider	Closed
Task # 69723: SelectCheckboxElement merge methods	Closed
Task # 69724: MultipleSideBySideElement merge methods	Closed
Task # 69725: SelectSingleBoxElement merge methods	Closed
Task # 69726: SelectSingleElement merge methods	Closed
Task # 69727: SelectTreeElement merge methods	Closed
Task # 69728: Move SelectTree data providing	Closed
Task # 69729: Inline getDynamicTabMenu	Closed
Task # 69730: Remove dot in uniqid('NEW', TRUE)	Closed
Task # 69731: Rename DatabaseRowGroupRelations	Closed

Task # 69732: Remove name="foo[bar]_hr" from input fields	Closed
Task # 69734: Replace getPageTSconfig in InlineRelatedRecordResolver	Closed
Bug # 69784: pages_language_overlay records contain wrong sys_language_uid	Closed
Bug # 66688: FormEngine: returnFieldJS() for type=text eval not implemented	Rejected
Task # 69821: FormEngine: Split TcaTypesShowitem provider	Closed
Task # 69822: Move select field type detection to TcaMigration	Closed
Task # 69938: Inline ElementConditionMatcher	Closed
Task # 70138: Extract flex form language handling to compatibility6	Closed
Task # 70370: FormEngine: Convert FormDataTraverser into DataProvider	Closed
Task # 70490: FormEngine inline refactoring	Closed
Task # 70545: tx_rtehtmlarea_acronym - kick dependency to static_info_tables, deprecate...	Closed
Bug # 70786: FlexForm-based column is missing validation and transfer	Closed
Bug # 32252: Unable to set Publish Dates and Access Rights on any alternative language ...	Closed
Feature # 71102: Allow definition of CSH within TCA	Closed
Bug # 71293: `foreign_record_defaults` is not stored when the field hidden	Closed
Task # 71607: FormEngine: Flex section deletion	Closed
Feature # 73227: Possibility to override Icon	New
Task # 70032: Language diff should be as large as input field	Closed
Bug # 68247: group maxitems woes	Closed
Bug # 76048: IRRE: Child records - New record doesn't get language of parent (non local...	Closed
Task # 76101: remove SoloFieldContainer	Closed
Feature # 76671: columnsOverrides does not affect newly added inline elements	Closed
Bug # 69183: Respect TCA option 'columnsOverrides' for server side field evaluations	Closed
Bug # 78845: Editing a sys_file_metadata record (eg. through filelist) fetches all sys_...	Closed
Task # 78899: FormEngine: Add flex section container via ajax call	Closed
Task # 78905: TCA tree: Simplify json result	Closed
Task # 71173: Extract wizard rendering from AbstractFormElement	Closed
Bug # 78460: requestUpdate property for form input fields	New
Bug # 67198: requestUpdate does not work on Group Elements	New
Bug # 79044: TCA field 'renderType' => 'selectTree', is too small	Closed
Task # 79747: Allow customData in FormEngine data compiler	Closed
Bug # 81563: TCA: Palettes in "subtypes_addlist" are not processed	New
Feature # 83906: Allow disabling a FormDataProvider	Closed
Bug # 84051: SelectTree (Category Tree) - add horizontal scrolling	New
<b>Related issues:</b>	
Related to TYPO3 Core - Story #69617: FormEngine bugs	Closed 2012-08-28

## History

### #1 - 2015-09-12 13:26 - Christian Kuhn

- Tracker changed from Bug to Story
- translation missing: en.field\_remaining\_hours set to 0.0

### #2 - 2015-10-06 21:44 - Benni Mack

- Target version set to 7 LTS

### #3 - 2015-11-09 21:25 - Christian Kuhn

- Target version deleted (7 LTS)

### #4 - 2017-04-01 23:15 - Riccardo De Contardi

- Category set to FormEngine aka TCEforms