

TYPO3 Core - Task #93674

Add redirect to route after login

2021-03-07 20:38 - Benni Mack

Status:	Closed	Start date:	2021-03-07
Priority:	Should have	Due date:	
Assignee:	Benni Mack	% Done:	100%
Category:	Backend API	Estimated time:	0.00 hour
Target version:	11.2	Complexity:	
TYPO3 Version:	11	Sprint Focus:	
PHP Version:			
Tags:			
Description			

Associated revisions

Revision 732adf42 - 2021-03-09 21:14 - Benni Mack

[TASK] Add redirect to route after login

The login controller now allows to set two new GET parameters "redirect" (pointing to a valid route identifier) and "redirectParams" (a list of query arguments which are rawurlencode'd).

This way, the login controller can redirect to another route instead of dealing with a hard-coded "redirectURL", which can be phased out in the future.

This is a first step towards allowing a defined redirect route for all other places in the TYPO3 Backend, where currently "redirectURL" is used. Also "linkThisScript" should become obsolete after this change.

This change also removes the need to store a first click in the install tool when loading the distributions within the "uc".

Resolves: #93674

Releases: master

Change-Id: I00113e528d00ab97215d750e1826d1ae8467a32

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+/68198>

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Revision de74be87 - 2021-04-30 16:22 - Benjamin Franzke

[FEATURE] Introduce backend module web component router

A custom Lit-based web component router is added which reflects module URLs into the browser address bar and at the same time prepares for native web components to be used as future iframe module alternatives.

Such modules will be implemented as JavaScript modules, that provide an implementation for a custom HTML Web Component. The first of such components (added within this change) is a wrapper component for traditional iframe-based backend modules.

Module state changes are advertised via DOM events and propagated to the browser address bar, browser title,

and the module menu.

Adress bar updates =====

The module URL to address bar synchronisation enables sharable module deeplinks to be copied from the browser address bar. Whenever a component advertises a state change (e.g. iframe change), a sharable deep link is generated and shown in the browser adressbar.

Technical preparation for the required deeplinking has been added with #93674.

History Management =====

Browser history state is managed via the iframe history context of the content module frame (that is unlike other modern Single Page Applications which use `history.pushState` and `history.replaceState`).

This approach required some synchronisation work, but there are technical limitations that prevent a combination of iframe history updates in combination for newer API like `history.pushState`. (The limitation is: state added by `history.pushState` is skipped by iframe history handling).

The advantage of this compromise is: All "traditional" modules will preserve their state handling as before, no breaking/behavioral changes for iframe-based modules.

Routing =====

The router uses two parameters to perform routing: * module – Module name as defined in `ext_tables.php` * endpoint – (json) api to be used by the component (= module URL)

The module attribute is used to perform the actual routing to the respective backend module component, while the endpoint attribute serves as API to parse/fetch the state of the module.

A named slot is used to switch between the available module components. That means only one of the routers `childNodes` will be visible at a time, while all modules are actively attached to the DOM. State is therefore preserved when switching between modules and the iframe is always kept active, allowing to act as history state-container (as described in "History Management").

Example of two modules that are attached to the DOM, where only `<typo3-configuration-module>` is visible as the `<slot>` in the shadow root puts a reference to this `childNodes`:

```
<typo3-backend-module-router module="system_config" endpoint="...">
#shadow-root
<slot name="TYPO3/CMS/Lowlevel/ConfigurationModule"></slot>
<typo3-iframe-module endpoint="..."
slot="TYPO3/CMS/Backend/Module/Iframe"></...>
<typo3-configuration-module endpoint="..."
slot="TYPO3/CMS/Lowlevel/ConfigurationModule"></...>
</typo3-backend-module-router>
```

Note: The "TYPO3/CMS/Lowlevel/ConfigurationModule" component is not yet part of this commit, and only serves as an example (will be implemented later on). The slot name is resolved from the module key.

Out of scope for this patch (will follow later) =====

- Link based routing interception via `data-module` tag for anchor tags.
To be added as an additional convenience API on top of the router module and endpoint attribute (current API).
- Convenience components for module layout
- Integration into shortcut handler
- Install-tool URLs do not reflect into addressbar right now
Install-tool modules are redirected, therefore url updates can not be mapped as backend URLs right now
Solution will probably be to integrate the install tool components as web component into the backend.

Resolves: #93988
Related: #93674
Releases: master
Change-Id: I682e89649b597c8c74b6a0a8f198f6bcf5bbc347
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+67464>
Tested-by: core-ci <typo3@b13.com>
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Tested-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Oliver Bartsch <bo@cedev.de>
Reviewed-by: Andreas Fernandez <a.fernandez@scripting-base.de>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>

History

#1 - 2021-03-07 20:38 - Gerrit Code Review

- Status changed from New to Under 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/+68198>

#2 - 2021-03-07 20:38 - 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/+68198>

#3 - 2021-03-08 10:46 - 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/+68198>

#4 - 2021-03-08 12:44 - 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/+68198>

#5 - 2021-03-09 21:20 - Benni Mack

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [732adf422a65ce1dd7494408e399afd7c2cc8010](https://review.typo3.org/c/Packages/TYPO3.CMS/+68198).

#6 - 2021-05-04 08:07 - Benni Mack

- Status changed from Resolved to Closed