

TYPO3.Flow - Feature # 1790

Status:	Resolved	Priority:	Must have
Author:	Bastian Waidelich	Category:	MVC
Created:	2008-10-23	Assigned To:	Bastian Waidelich
Updated:	2010-10-20	Due date:	
PHP Version:			
Has patch:			
Complexity:			
Subject:	Routing: optional RouteParts		
Description			
<p>We were thinking about a possibility to mark parts of the uriPattern optional. This could look something like:</p>			
<pre>\$c->TYPO3Route_ServiceWithControllerAndFormat ->setUriPattern('typo3/service/v1/[@controller].[@format](?orderby=[orderby])') ->setControllerComponentNamePattern('F3::@package::Service::Controller::@controllerController') ->setViewComponentNamePattern('F3::@package::Service::View::@controller::@action@format') ->setDefaults(array('@package' => 'TYPO3', 'orderby' => 'id'));</pre>			
<p>the query part would be optional in this example. This would help to drastically reduce the amount of routes. You could do something like this too:</p>			
<pre>\$c->myRoute ->setUriPattern('typo3/service/v1/[@controller].[@format]') ...</pre>			
<p>to mark the format suffix optional.</p>			
<p>We'll have to resolve some logical challenges though. E.g. we'll have to disallow routes like this one:</p>			
<pre>\$c->impossibleRoute ->setUriPattern('static/[dynamic1](optional)[dynamic2]') ...</pre>			
<p>because the routing mechanism could not tell where [dynamic1] ends.</p>			

Associated revisions

Revision ff26a5c3 - 2009-02-16 17:04 - Bastian Waidelich

FLOW3:

- improved strategy pattern implementation in DynamicRoutePart to simplify creation of custom RoutePartHandlers.
- parsed URI pattern is not represented as uriPatternSegmentCollection anymore but as simple array of Route Parts making URI matching more

flexible and easier to comprehend.

- added Interfaces `RoutePartInterface` and `DynamicRoutePartInterface`
- improved error handling for invalid URI patterns. Replaced `F3\FLOW3\MVC\Exception\SuccessiveDynamicRouteParts` by `F3\FLOW3\MVC\Exception\InvalidUriPattern`.
- lots of smaller tweaks

- BREAKING CHANGES:
- moved all Routes to global `Configuration/Routes.yaml`. Addresses #2126.
- dynamic Route Parts are no longer enclosed by square brackets but by curly brackets. Resolves #2342.
- removed support for query strings in URI pattern for now. It increased complexity and wasn't really needed yet.
- added support for optional route parts. Just put the respective parts in brackets in your URI pattern. NOTE: Dynamic Route Parts are no longer optional by default (even if a default value is set). Resolves #1790.

History

#1 - 2008-10-28 12:53 - Karsten Dambekalns

- *Target version deleted (1.0 alpha 1)*

#2 - 2008-10-28 12:58 - Karsten Dambekalns

- *Priority changed from Should have to Must have*
- *Target version set to 1.0 alpha 1*

#3 - 2009-02-11 19:33 - Bastian Waidelich

- *% Done changed from 0 to 90*

#4 - 2009-02-16 18:00 - Bastian Waidelich

- *Status changed from New to Resolved*
- *% Done changed from 90 to 100*

Applied in changeset r1921.