

TYPO3.Flow - Feature #33937

Convenience method to resolve public "resource://" paths

2012-02-15 11:25 - Bastian Waidelich

Status:	Accepted	Start date:	2012-02-15
Priority:	Should have	Due date:	
Assignee:	Karsten Dambekalns	% Done:	0%
Category:	Resource	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:	No		

Description

It would be helpful to have an easy way to resolve the 'resource://...' path to static resources.

Currently we end up using code like the following a lot:

```
protected function resolveResourcePath($resourcePath) {
    $matches = array();
    preg_match('#resource://([^\/]*)/Public/(.*)#', $resourcePath, $matches);
    if ($matches === array()) {
        throw new \TYPO3\FLOW3\Core\ViewHelper\Exception('Resource path "' . $resourcePath . '" cannot be resolved.', 1328543327);
    }
    $packageKey = $matches[1];
    $path = $matches[2];
    return $this->resourcePublisher->getStaticResourcesWebBaseUri() . 'Packages/' . $packageKey . '/' . $path;
}
```

History

#1 - 2012-02-16 11:19 - Karsten Dambekalns

- Status changed from New to Needs Feedback
- Assignee set to Karsten Dambekalns

What is this needed for? Any file functions can use the resource:// URL directly. To fetch the web URL, a method exists already (no?).

#2 - 2012-03-07 16:15 - Bastian Waidelich

Ok, here's the ViewHelper which needed this:

```
<?php
namespace TYPO3\FLOW3\Form\ViewHelpers;

/**
 * This script belongs to the FLOW3 package "TYPO3.Flow".
 *
 * It is free software; you can redistribute it and/or modify it under
 * the terms of the GNU Lesser General Public License, either version 3
 * of the License, or (at your option) any later version.
 *
 * The TYPO3 project - inspiring people to share!
 */

use TYPO3\FLOW3\Annotations as FLOW3;

/**
 * Output the configured stylesheets and JavaScript include tags for a given preset
 */
class RenderHeaderViewHelper extends \TYPO3\FLOW3\Core\ViewHelper\AbstractViewHelper {
```

```

/**
 * @FLOW3\Inject
 * @var \TYPO3\FLOW3\Resource\Publishing\ResourcePublisher
 */
protected $resourcePublisher;

/**
 * @FLOW3\Inject
 * @var \TYPO3\Form\Factory\ArrayBuilderFactory
 */
protected $formBuilderFactory;

/**
 * @param string $presetName name of the preset to use
 * @return string the rendered form head
 */
public function render($presetName = 'default') {
    $content = '';
    $presetConfiguration = $this->formBuilderFactory->getPresetConfiguration($presetName);
    $stylesheets = isset($presetConfiguration['stylesheets']) ? $presetConfiguration['stylesheets'] :
array();
    foreach ($stylesheets as $stylesheet) {
        $content .= sprintf('<link href="%s" rel="stylesheet">', $this->resolveResourcePath($stylesheet [
'source']));
    }
    $javaScripts = isset($presetConfiguration['javaScripts']) ? $presetConfiguration['javaScripts'] :
array();
    foreach ($javaScripts as $javaScript) {
        $content .= sprintf('<script src="%s"></script>', $this->resolveResourcePath($javaScript['source'
]));
    }
    return $content;
}

/**
 * @param string $resourcePath
 * @return string
 */
protected function resolveResourcePath($resourcePath) {
    // TODO: This method should be somewhere in the resource manager probably?
    $matches = array();
    preg_match('#resource://([^\/]*)/Public/(.*)#', $resourcePath, $matches);
    if ($matches === array()) {
        throw new \TYPO3\FLOW3\Core\ViewHelper\Exception('Resource path "' . $resourcePath .
'" can't be resolved.', 1328543327);
    }
    $package = $matches[1];
    $path = $matches[2];
    return $this->resourcePublisher->getStaticResourcesWebBaseUri() . 'Packages/' . $package . '/' . $path
;
}
}
?>

```

`$stylesheet['source']` and `$javaScript['source']` contains paths like "resource://SomePackage/foo/bar".

If I see it correctly a similar code is used in the `uri.resource ViewHelper` but there should be some convenience method in the resource manager/publisher probably don't you think?

#3 - 2012-03-07 16:22 - Karsten Dambekalns

- Status changed from Needs Feedback to Accepted

#4 - 2012-08-14 10:33 - Karsten Dambekalns

- Target version set to 2.0 beta 1

#5 - 2012-10-16 16:38 - Marc Neuhaus

Another use-case:

i'm writing a Surf Deployment to push a file from inside a package to the remote node and need a proper way to have a real path to a resource file to use it with a shell command :)

#6 - 2012-12-10 13:37 - Karsten Dambekalns

- Target version changed from 2.0 beta 1 to 2.1

#7 - 2013-05-21 13:28 - Robert Lemke

- Target version deleted (2.1)

#8 - 2014-04-15 11:40 - Christian Müller

I guess this won't be implemented as API method. We can reconsider after the new resource mgm is merged. It could be a non API public method in the local file system implementation.