Core - Bug # 60338

Status:	Resolved	**Priority:**	Must have
Author:	Mathias Brodala	**Category:**	
Created:	2014-07-15	**Assigned To:**	Markus Klein
Updated:	2015-07-01	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Is Regression:	No
Sprint Focus:	Remote Sprint
Subject:	Changing view format does not affect partial format

Description

When using one view object to render a template in different formats (e.g. email in text and HTML), the template respects the requested format. However, partials are always rendered in the first rendered format. Example:

Content of templates/partials:

Content of Foo.txt:

    Hello
    <f:render partial="Bar"/>

Content of Partials/Bar.txt:

    World

Content of Foo.html:

    <p>Text</p>
    <f:render partial="Bar"/>

Content of Partials/Bar.html:

    <p>World</p>

1st invocation:

    // Let $view be an instance of \TYPO3\CMS\Fluid\View\TemplateView
    $view->setFormat('txt');
    $view->render('Foo');

Result:

```
Hello
World
```

2nd invocation:

```
// $view is the same instance as above
$view->setFormat('html');
$view->render('Foo');
```

Result:

```
<p>Hello</p>
World
```

As you can see, the 2nd output was rendered using the txt-Partial.

This is due to the local partial identifier cache in AbstractTemplateView which only considers the partial name, not the current request format. If that one is incorporated, separate cache entries for each partial formats are created.

Related issues:

| related to Core - Feature # 66111: Add TemplateRootPaths support to cObject F... | **Resolved** | **2015-03-28** |

Associated revisions

Revision f55c7e0f - 2015-07-01 19:55 - Mathias Brodala

[BUGFIX] Respect format when rendering partial

The request format needs to be respected when rendering partials,
otherwise the same partial cannot be rendered in different formats
in the same request.

An example is rendering mails in plain text and HTML.

Resolves: #60338
Releases: master, 6.2
Change-Id: I118ee0a535d0f06391cd802c10d7c3c5129c2a2c
Reviewed-on: http://review.typo3.org/35475
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>
Reviewed-by: Andreas Fernandez <typo3@scripting-base.de>
Tested-by: Andreas Fernandez <typo3@scripting-base.de>

Revision 78093743 - 2015-07-01 19:59 - Mathias Brodala

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Change-Id: I118ee0a535d0f06391cd802c10d7c3c5129c2a2c
Reviewed-on: http://review.typo3.org/40831
Reviewed-by: Andreas Fernandez <typo3@scripting-base.de>
Tested-by: Andreas Fernandez <typo3@scripting-base.de>

History

#1 - 2014-07-15 15:37 - Mathias Brodala

The setFormat call is not possible with the default TemplateView of course. Imagine one would modify the current Request object instead which also
resides in the ControllerContext.

#2 - 2014-07-15 16:01 - Markus Klein
- Project changed from Fluid to Core
- Category deleted (Fluid: View)
- Status changed from New to Accepted

#3 - 2014-07-15 16:02 - Markus Klein
- TYPO3 Version set to 6.2
- Is Regression set to No

Please report all Bugs to the Core project. Fluid and Extbase projects are legacy only.

#4 - 2014-12-15 12:39 - Gerrit Code Review
- Status changed from Accepted to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/35475

#5 - 2015-03-30 15:11 - Markus Klein

We use it with StandaloneView like this and have no problems:

        $view->setTemplateSource(self::getTemplate($templatePath . '.html', $languagePath));
        $view->setFormat('html');
        $mailContent['html'] = $view->render();

        $view->setTemplateSource(self::getTemplate($templatePath . '.txt', $languagePath));
        $view->setFormat('txt');
        $mailContent['text'] = $view->render();

Can you figure out the difference to TemplateView here?

#6 - 2015-03-30 17:11 - Mathias Brodala

Markus Klein wrote:

> *We use it with StandaloneView like this and have no problems:*
> *[...]*

Does your template reference a partial which exists in txt and html format? Is that partial properly rendered depending on format?

#7 - 2015-03-30 17:25 - Markus Klein

Yes we reference a partial called "footer" in the mails which is present in .html and .txt format.
The output is correct.

#8 - 2015-03-30 17:30 - Mathias Brodala

The thing is that StandaloneView does not support templateRootPaths which we need to provide a default template with a list of optional overrides.
That's why we cannot switch from TemplateView.

#9 - 2015-03-30 18:49 - Markus Klein

StandaloneView will get templateRootPaths ;-) that has just been discussed.

But this actually does not matter here. The question is, why does this fail with TemplateView but work with StandaloneView?
Or is it something else that makes up the difference.

#10 - 2015-03-31 09:20 - Mathias Brodala

Markus Klein wrote:

> *StandaloneView will get templateRootPaths ;-) that has just been discussed.*

AFAIS this is about the FLUIDTEMPLATE content object, not the StandaloneView: #66111

> *But this actually does not matter here. The question is, why does this fail with TemplateView but work with StandaloneView?*
> *Or is it something else that makes up the difference.*

Well, a huge difference is in createIdentifierForFile but it's a bit hard to track down.

#11 - 2015-03-31 11:42 - Markus Klein

We discussed that and concluded that it has to go into StandaloneView and FLUIDTEMPLATE will use it.

#12 - 2015-03-31 12:45 - Mathias Brodala

Markus Klein wrote:

> *We discussed that and concluded that it has to go into StandaloneView and FLUIDTEMPLATE will use it.*

Sounds great and would at least solve my issue at hand if I switch to StandaloneView then.

Is this still tracked in the ticket I've linked or another one?

#13 - 2015-03-31 12:50 - Markus Klein

I'm not aware of another ticket.

#14 - 2015-03-31 12:52 - Markus Klein

But it is no solution to switch everything to StandaloneView. Formats have to work for partials, no question!

So it would really be cool good to find out the difference.

#15 - 2015-03-31 12:53 - Markus Klein

Ah one more note: I only tested this on master, since my extension is CMS 7 only, no 6.2 support. So maybe the issue is only in 6.2

#16 - 2015-03-31 12:54 - Mathias Brodala

Markus Klein wrote:

> *But it is no solution to switch everything to StandaloneView. Formats have to work for partials, no question!*
>
> *So it would really be cool good to find out the difference.*

Yes of course. I just wanted to add the proper issue relation. ;-)

#17 - 2015-06-18 10:37 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/35475

#18 - 2015-07-01 01:00 - Markus Klein
- Assigned To set to Markus Klein
- Sprint Focus set to Remote Sprint

#19 - 2015-07-01 01:23 - Markus Klein

I can confirm the issue with StandaloneView as well!

A simple workaround though is to define the format explicitly in the txt-template.

Example

Foo.html

    <f:render partial="Footer" />

Foo.txt

    <f:render partial="Footer.txt" />

#20 - 2015-07-01 02:15 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/35475

#21 - 2015-07-01 19:56 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/40831

#22 - 2015-07-01 19:59 - Mathias Brodala
- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:f55c7e0fc9ebb6330f2c0e0763845890d732089b.