

## TYPO3 Core - Bug #93860

### Online media helpers (YouTubeHelper, VimeoHelper) preview images unusable in composer mode

2021-04-06 15:39 - Jan Kornblum

<b>Status:</b> Closed	<b>Start date:</b> 2021-04-06
<b>Priority:</b> Should have	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 100%
<b>Category:</b> Frontend	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Complexity:</b>
<b>TYPO3 Version:</b> 10	<b>Is Regression:</b>
<b>PHP Version:</b> 7.4	<b>Sprint Focus:</b>
<b>Tags:</b>	
<b>Description</b>	
<p>When in composer mode, the online media helpers create preview images in locations like <code>"/var/transient/youtube_1e65d7002154f3586b97bd19d2787829.jpg"</code>. But this files can't be accessed from e.g. <code>"&lt;f:image&gt;"</code> any longer, because <code>"ResourceFactory::retrieveFileOrFolderObject()"</code> wrongly returns a (non existing) folder object instead of file object. This is the case because <code>"ResourceFactory::retrieveFileOrFolderObject()"</code> uses <code>"Environment::getPublicPath()"</code> in behind but paths like <code>"/var/transient/"</code> are not public.</p> <p>Steps to reproduce:</p> <ul style="list-style-type: none"><li>• Upload any youtube or vimeo video from backend</li><li>• Assign it to any record or model</li><li>• In FLUID, let it be rendered using <code>"&lt;f:image&gt;"</code> (when using <code>"image"</code> instead of <code>"media"</code> viewhelper, this automatically reads or creates the thumbnail)</li></ul> <p>This crashes the frontend.</p> <p>Solution: Let the online media helpers create the preview images not inside <code>"/var/transient/"</code> but in a real <code>"public"</code> path instead.</p>	
<b>Related issues:</b>	
Related to TYPO3 Core - Bug #93823: ResourceFactory::retrieveFileOrFolderObj...	<b>New</b> <b>2021-03-26</b>
Related to TYPO3 Core - Feature #84545: Use dynamic path for typo3temp/var/	<b>Closed</b> <b>2018-03-28</b>
Related to TYPO3 Core - Bug #72822: Move all typo3temp files below typo3temp/...	<b>Closed</b> <b>2016-01-19</b>
Related to TYPO3 Core - Task #72580: Move publicly accessible files to typo3t...	<b>Closed</b> <b>2016-01-08</b>

### Associated revisions

#### Revision 8dc8757c - 2021-08-05 06:23 - Benni Mack

[BUGFIX] Store preview of FAL Online Media in public folder

When using Online Media (Youtube, Vimeo) with FAL and with composer-mode, the preview images are put under `var/transient/` which isn't accessible to the outside.

This change adapts the change to be put in `typo3temp/assets/online_media/` to be always accessible.

In the future, this API should be refactored to have preview images based on processed files instead.

Resolves: #93860

Related: #84545

Releases: master, 10.4, 9.5

Change-Id: I086b962a0efad2bcc0c67679838d3d973812462d

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+/69472>

Reviewed-by: Jan Kornblum <[jan.kornblum@gmx.de](mailto:jan.kornblum@gmx.de)>

Reviewed-by: Guido Schmechel <[guido.schmechel@brandung.de](mailto:guido.schmechel@brandung.de)>

Reviewed-by: Oliver Bartsch <[bo@cedev.de](mailto:bo@cedev.de)>

Reviewed-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>

Tested-by: core-ci <[typo3@b13.com](mailto:typo3@b13.com)>

Tested-by: Guido Schmechel <[guido.schmechel@brandung.de](mailto:guido.schmechel@brandung.de)>

Tested-by: Oliver Bartsch <[bo@cedev.de](mailto:bo@cedev.de)>

Tested-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>

## Revision 42eda81d - 2021-08-05 06:33 - Benni Mack

[BUGFIX] Store preview of FAL Online Media in public folder

When using Online Media (Youtube, Vimeo) with FAL and with composer-mode, the preview images are put under var/transient/ which isn't accessible to the outside.

This change adapts the change to be put in typo3temp/assets/online\_media/ to be always accessible.

In the future, this API should be refactored to have preview images based on processed files instead.

Resolves: #93860

Related: #84545

Releases: master, 10.4, 9.5

Change-Id: I086b962a0efad2bcc0c67679838d3d973812462d

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+70213>

Tested-by: core-ci <typo3@b13.com>

Tested-by: Benni Mack <benni@typo3.org>

Reviewed-by: Benni Mack <benni@typo3.org>

## History

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### #1 - 2021-04-06 15:40 - Jan Kornblum

- Related to Bug #93823: ResourceFactory::retrieveFileOrFolderObject() wrongly returns Folder instead of File object added

### #2 - 2021-04-08 15:10 - Frans Saris

- Related to Feature #84545: Use dynamic path for typo3temp/var/ added

### #3 - 2021-04-08 15:24 - Frans Saris

- Related to Bug #72822: Move all typo3temp files below typo3temp/var or typo3temp/assets added

### #4 - 2021-04-08 15:26 - Frans Saris

- Related to Task #72580: Move publicly accessible files to typo3temp/assets/ added

### #5 - 2021-04-08 15:27 - Frans Saris

Jan,

Changing the temp folder to a public one would probably fix this.

Use Environment::getPublicPath() instead of Environment::getVarPath() in \TYPO3\CMS\Core\Resource\OnlineMedia\Helpers\AbstractOnlineMediaHelper

Introduced here

<https://review.typo3.org/c/Packages/TYPO3.CMS/+56413/9/typo3/sysex/core/Classes/Resource/OnlineMedia/Helpers/AbstractOnlineMediaHelper.php#122>

But think that the transient folder is also not correct. Should be something like /assets/online-media-preview/

So result:

```
/**
 * Get temporary folder path to save preview images
 *
 * @return string
 */
protected function getTempFolderPath()
{
    $path = Environment::getPublicPath() . '/assets/online-media-preview/';
    if (!is_dir($path)) {
        GeneralUtility::mkdir_deep($path);
    }
    return $path;
}
```

The folder name was changed here

<https://review.typo3.org/c/Packages/TYPO3.CMS/+46096/14/typo3/sysex/core/Classes/Resource/OnlineMedia/Helpers/AbstractOnlineMediaHelper.php#121> and

But I'm not 100% sure if this would be the correct solution. As this is only a temp file. Maybe the view shouldn't depend on this file, but the <f:image

viewhelper should create a `\_processed` file that would be in `typo3temp/assets`.

Start of the folder move was here <https://review.typo3.org/c/Packages/TYPO3.CMS/+45669/> and there is clearly states it should be a public folder.

#### #6 - 2021-04-08 15:28 - Frans Saris

I think it would be even better to rename the method:

```
/**
 * Get publicly accessible temporary folder path to save preview images
 *
 * @return string
 */
protected function getPublicTempFolderPath()
{
    $path = Environment::getPublicPath() . '/assets/online-media-preview/';
    if (!is_dir($path)) {
        GeneralUtility::mkdir_deep($path);
    }
    return $path;
}
```

#### #7 - 2021-06-12 18:36 - Benni Mack

Actually, the preview images should be special FAL images or processed files in the future, as the local setup completely bypasses any useful handling for our File-system abstraction layer.

#### #8 - 2021-06-12 18:40 - Gerrit Code Review

- Status changed from New 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69472>

#### #9 - 2021-06-12 18:42 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69472>

#### #10 - 2021-06-29 09:45 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69472>

#### #11 - 2021-08-05 06:23 - Gerrit Code Review

Patch set 1 for branch **10.4** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+70214>

#### #12 - 2021-08-05 06:31 - Benni Mack

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [8dc8757c4a059b61ac8210c7f6f105986f71b3d8](https://review.typo3.org/c/Packages/TYPO3.CMS/+70214).

#### #13 - 2021-08-05 06:33 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+70214>

#### #14 - 2021-08-05 06:36 - Benni Mack

- Status changed from Under Review to Resolved

Applied in changeset [42eda81dfd05d54cf875adeb18c1047ca380eb47](https://review.typo3.org/c/Packages/TYPO3.CMS/+70214).

#### #15 - 2021-09-07 07:34 - Benni Mack

- Status changed from Resolved to Closed