

## TYPO3 Core - Bug #91976

### ThumbNailController is slow for remote storages

2020-08-11 14:43 - Helmut Hummel

<b>Status:</b>	Closed	<b>Start date:</b>	2020-08-11
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	9	<b>Is Regression:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

The ThumbNailController outputs raw data of image files as a response to a file process request. This is a massive and unnecessary performance hit, when using a remote storage, as the files need to get downloaded from the remote to be then delivered by TYPO3.

#### Associated revisions

##### Revision 175e11d0 - 2020-09-02 08:36 - Helmut Hummel

[TASK] Improve and fix ThumbnailController

The ThumbnailController outputs raw data of image files as a response to a file process request. This is a massive and unnecessary performance hit, when using a remote storage, as the files need to get downloaded from the remote to be then delivered by TYPO3.

This is now changed to simply redirect to the file URL.

Also the mime-type check for images is replaced with an isImage() call to the processed file, in order to also properly deliver thumbnails of PDF files.

Also clarify in code, that ProcessedFile::CONTEXT\_IMAGEPREVIEW isn't capable of handling any other processing instruction than "width" and "height".

Also fix delivering an icon as thumbnail, when the processed file isn't an image.

Last but not least, fix the 404 response by using a HtmlResponse instead of a plain Response object, because the plain Response object needs a resource and cannot deal with plain strings.

Releases: master, 10.4, 9.5

Resolves: #91976

Change-Id: I218a8ba29ae0790be2603e8fab72f4eef1b8a47b

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+65279>

Tested-by: TYPO3com <noreply@typo3.com>

Tested-by: Markus Klein <markus.klein@typo3.org>

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

Tested-by: Jörg Bösche <typo3@joergboesche.de>

Tested-by: Helmut Hummel <typo3@helhum.io>

Reviewed-by: Markus Klein <markus.klein@typo3.org>

Reviewed-by: Jörg Bösche <typo3@joergboesche.de>

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

Reviewed-by: Helmut Hummel <typo3@helhum.io>

##### Revision 04834c1a - 2020-09-12 14:37 - Helmut Hummel

[TASK] Improve and fix ThumbnailController

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Resolves: #91976  
Change-Id: I218a8ba29ae0790be2603e8fab72f4eef1b8a47b  
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+65554>  
Tested-by: Helmut Hummel <[typo3@helhum.io](mailto:typo3@helhum.io)>  
Tested-by: TYPO3com <[noreply@typo3.com](mailto:noreply@typo3.com)>  
Reviewed-by: Helmut Hummel <[typo3@helhum.io](mailto:typo3@helhum.io)>  
Reviewed-by: Jörg Bösche <[typo3@joergboesche.de](mailto:typo3@joergboesche.de)>

## History

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### #1 - 2020-08-11 16:31 - 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/+65279>

### #2 - 2020-08-12 11:46 - 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/+65279>

### #3 - 2020-08-12 12:20 - 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/+65279>

### #4 - 2020-08-13 17:55 - Gerrit Code Review

Patch set 4 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/+65279>

### #5 - 2020-08-13 17:58 - Gerrit Code Review

Patch set 5 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/+65279>

### #6 - 2020-08-13 20:09 - Gerrit Code Review

Patch set 6 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/+65279>

### #7 - 2020-09-02 09:00 - Helmut Hummel

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [175e11d0679ef8953f3aa1a7424413d183c39d41](https://review.typo3.org/c/Packages/TYPO3.CMS/+65279).

**#8 - 2020-09-03 10:52 - Gerrit Code Review**

- Status changed from Resolved to Under 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/+/65554>

**#9 - 2020-09-12 15:00 - Helmut Hummel**

- Status changed from Under Review to Resolved

Applied in changeset [04834c1a12dec75fafacd7007c5222d50da92d14](#).

**#10 - 2020-09-29 15:06 - Benni Mack**

- Status changed from Resolved to Closed