

TYPO3.Flow - Bug #42511

"Uri" constructor silently accepts unparsable Uri strings

2012-10-30 11:37 - Adrian Förder

Status:	Resolved	Start date:	2012-10-30
Priority:	Must have	Due date:	
Assignee:	Adrian Förder	% Done:	100%
Category:	Http	Estimated time:	0.00 hour
Target version:	2.0	Complexity:	
PHP Version:			
Has patch:	No		

Description

The Uri::__construct() method basically relies on the parse_url() method. As of PHP documentation, <http://de3.php.net/manual/en/function.parse-url.php>, Changelog,

5.3.3 Removed the E_WARNING that was emitted when URL parsing failed.

So the constructor's code can, dependent of the PHP version in use, either throw a Warning exception or silently do nothing but let the Uri object be created since there is no other check:

```
public function __construct($uriString) {
    if (!is_string($uriString)) throw new \InvalidArgumentException(
'The URI must be a valid string.', 1176550571);

    $uriParts = parse_url($uriString);
    if (is_array($uriParts)) {
        $this->scheme = isset($uriParts['scheme']) ? $uriParts['scheme'] : NULL;
        $this->username = isset($uriParts['user']) ? $uriParts['user'] : NULL;
        $this->password = isset($uriParts['pass']) ? $uriParts['pass'] : NULL;
        $this->host = isset($uriParts['host']) ? $uriParts['host'] : NULL;
        $this->port = isset($uriParts['port']) ? $uriParts['port'] : NULL;
        $this->path = isset($uriParts['path']) ? $uriParts['path'] : NULL;
        if (isset($uriParts['query'])) {
            $this->setQuery($uriParts['query']);
        }
        $this->fragment = isset($uriParts['fragment']) ? $uriParts['fragment'] : NULL;
    }
}
```

I recommend to catch the Warning, if any, and throw an exception if parse_url returned FALSE (or is not an array, i.e. the else-block of the if()).

Related issues:

Related to TYPO3.Fluid - Bug #42746: Functional WidgetTest is broken since UR...

Resolved

2012-11-07

Associated revisions

Revision 1b03b89c - 2012-10-30 11:52 - Adrian Förder

[!!!][BUGFIX] Http\Uri constructor throws exception on invalid Uri

The constructor of the Uri object now checks the return value of the parse_url method and throws an exception if this returns anything else than a valuable array, because in this case the given Uri is considered seriously malformed.

This is considered breaking because prior to this change, the Uri just silently was created with all empty values.

Change-Id: I54c3c82e60c53ebad7dcf43ecd7e7f7044831668

Fixes: #42511

Releases: 1.1, 1.2

Revision 8d0010f2 - 2012-12-10 22:16 - Adrian Förder

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Change-Id: I54c3c82e60c53ebad7dcf43ecd7e7f7044831668

Fixes: #42511

Releases: 1.1, 1.2

History

#1 - 2012-10-30 11:57 - Gerrit Code Review

- Status changed from *New* to *Under Review*

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/16035>

#2 - 2012-11-06 10:35 - Adrian Förder

- Status changed from *Under Review* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [1b03b89c9a61c5a8066544929a9be590eb3521b3](https://review.typo3.org/16035).

#3 - 2012-12-10 22:14 - Gerrit Code Review

- Status changed from *Resolved* to *Under Review*

Patch set 1 for branch **FLOW3-1.1** has been pushed to the review server.

It is available at <https://review.typo3.org/17082>

#4 - 2012-12-10 22:16 - Gerrit Code Review

Patch set 2 for branch **FLOW3-1.1** has been pushed to the review server.

It is available at <https://review.typo3.org/17082>

#5 - 2012-12-11 10:27 - Karsten Dambekalns

- Status changed from *Under Review* to *Resolved*