

TWikiOopsExceptionDotPm < TWiki < TWiki

---+ Package TWiki::OopsException

Exception used to raise a request to redirect to an Oops URL.

An OopsException thrown anywhere in the code will redirect the browser to a url based on the `oops` script. `oops` requires the name of an oops template file from the `templates` directory. This file will be expanded and the parameter values passed to the exception instantiated. The result will be shown in the browser.

Plugins may throw TWiki::OopsException. For example:

```
use Error;
```

```
...
```

```
throw TWiki::OopsException( 'bathplugin',
                            def => 'toestuck',
                            web => $web,
                            topic => $topic,
                            params => [ 'bigtoe', 'hot tap' ] );
```

---+ ClassMethod **new** <tt>(\$template,...)</tt>

* `=template=` is the name of an oops template. e.g. 'bathplugin' refers to `=templates/oopsbathp`
The remaining parameters are interpreted as key-value pairs. The following keys are used:
* `=web=` will be used as the web for the oops
* `=topic=` will be used as the topic for the oops
* `=def=` - is the (optional) name of a TMPL:DEF within the template
* `=keep=` - if set, the exception handler should try its damndest to retain parameter values f
* `=params=` is a reference to an array of parameters. These will be substituted for `!%PARAM1%`,

For an example of how to use the `=def=` parameter, see the `=oopsattention=` template.

NOTE: parameter values are automatically and unconditionally entity-encoded

---+ ObjectMethod **stringify** <tt>([\$session]) -> \$string</tt>

Generates a string representation for the object. if a session is passed in, and the exception specifies a `def`, then that `def` is expanded. This is to allow internal expansion of oops exceptions for example when performing bulk operations, and also for debugging.

---+ ObjectMethod **redirect** <tt>(\$twiki)</tt>

Generate a redirect to an 'oops' script for this exception.

If the 'keep' parameter is set in the exception, it saves parameter values into the query as well. This is needed if the query string might get lost during a passthrough, due to a POST being redirected to a GET.

</div><!-- /patternTopic-->

%META{"form"}%

%META{"attachments"}%</div><!-- /patternContent-->

%MAKETEXT{"This topic:"}% <nop>%WEB%%META{"parent" prefix=" >g

%MAKETEXT{"Topic revision:"}% %REVINFO{format="r\$rev - \$date - <nop>\$wikiname"}%

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```
</div><!-- /patternMainContents-->
</div><!-- /patternMain-->
</div><!-- /patternFloatWrap-->
<div class="clear">&nbsp;</div>
</div><!-- /patternOuter--><div id="patternBottomBar"><div id="patternBottomBarContents"><div id=
</div><!-- /patternPage-->
</div><!-- /patternPageShadow-->
</div><!-- /patternScreen-->
</body></html>
```