

Handling Error templates in FW/1

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I've been using Framework one for a few smaller scale projects, and during a wrap up session I noticed that I didn't have a global catch-all error page, or any kind of error notification subsystem, like an admin email prompt.

This blog article describes how FW/1 looks for and uses an error handling template.

Unlike a lot of open source software FW/1 actually has a pretty decent development guide document. Start off by reading it here: <https://github.com/seancorfield/fw1/wiki/Developing-Applications-Manual>

The error handling section of the document states that FW/1 will attempt to run 'main.error', if your defaultSection was main, it would look for the file error.cfm.

You can override this in the setup structure in Application.cfc, as per below.

```
variables.framework = {  
    error = 'main.error' // defaultSection & '.error'  
    // or: defaultSubsystem & subsystemDelimiter & defaultSection & '.error'  
};
```

This works well and makes a lot of sense to me, so now all that's left is to construct an error page.

FW/1 allows you to exempt individual pages from the views layer, but I prefer my error templates to look and work exactly like the rest of the site so I haven't done that.

Dumping all the scopes out in the error page I can see that the `url.page` variable contains the page I tried to call when the error took place. Also the request scope contains a whole set of data about the error, so I've added a `cfdump` of that into the `cfmail` tag.

That way every time the error handler is requested I get an email with the page it tried to call and a dump of the exception message.

```
<cfoutput>
  <cfmail to="" from="" subject="Error" type="html">

    Admin,<br>

    This page has broken: #url.page#

    <cdump var="#request.exception#" label="Error stack">

  </cfmail>
</cfoutput>
```

Next I'll deal with a global 'page not found' handler within FW/1.