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[The 12 Tips of \(CommandBox\) Christmas - Day 12 - Custom Error Pages](#)



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This is our final installment of the **12 Tips of (CommandBox) Christmas** and we hope you've learned some new tricks. In this last segment, we'll cover setting up custom error pages for your CommandBox-based web servers. This applies to all CF engines that you start and can help you add a bit of polish to a CommandBox-powered site you want to make public.

Custom Error Pages

CommandBox's server started as a development tool, but has now grown to a fully-functional and performant web server that can handle most any site. You can customize the error page that CommandBox servers return when a missing file is requested. You can have a setting for each status code including a default error page to be used if no other setting applies.

Create an **errorPages** object inside the **web** object in your **server.json** where each key is the status code integer or the word default and the value is a relative (to the web root) path to be loaded for that status code.

This is what you **server.json** might look like:

```
{
  "web" : {
    "errorPages" : {
      "404" : "/path/to/404.html",
      "500" : "/path/to/500.html",
      "default" : "/path/to/default.html"
    }
  }
}
```

You can set error pages via the **server set** command like this:

```
server set web.aliases.404=/missing.htm
```

Accessing error variables

If your error page points to a CFM file, you can get access to the original path being accessed for 404s and the error that was thrown for 500s. This requires that your error handler page is CFML.

To see all the request headers that are available, use the following snippet of code:

```
req = getPageContext().getRequest();
names = req.getAttributeNames();
while( names.hasMoreElements() ) {
    name = names.nextElement();
    writeDump( name & ' = ' & req.getAttribute( name ) );
}
```

An example of getting the original missing path in a 404 would look like this:

```
var originalPath = getPageContext().getRequest().getAttribute( "javax.servlet.error.request_uri" );
```

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