

Development-Custom Error Handling

Exception Page

To provide a custom error handler when an exception is thrown, override this WOApplication method:

```
public WOResponse handleException (java.lang.Exception anException, WOContext aContext) { }
```

For example:

```
public WOResponse handleException(Exception _exception, WOContext _context) {  
    Session session = (Session) _context.session();  
    // do something to notify user of exception, maybe put a message in the session here ...  
    WOResponse response;  
    if (/* you can't handle exception */) {  
        response = super.handleException(_exception, _context);  
    }  
    else {  
        response = pageWithName(YourExceptionPage.class.getName(), _context).generateResponse();  
    }  
    return response;  
}
```

Session Expired

To provide a custom error handler when an exception is thrown, override the method:

```
public WOResponse handleSessionRestorationErrorInContext(WOContext _context) { }
```

For example:

```
public WOResponse handleSessionRestorationErrorInContext(WOContext _context) {  
    Session session = (Session) _context.session();  
    // do something to notify user of exception, maybe put a message in the session here ...  
    WOResponse response = pageWithName(YourErrorPage.class.getName(), _context).generateResponse();  
    return response;  
}
```

Your Request Produced an Error

Chuck Hill

This message started to appear in WO 5.2 when an exception was raised in a DirectAction, but only in deployed applications. Here is what is happening:

WODisplayExceptionPages

true or false to enable or disable the generation of WOExceptionPages for direct action requests. Default is true in development mode and false in deployment mode.

From http://developer.apple.com/documentation/WebObjects/WOAppProperties/AppProperties/chapter_1_section_1.html

If the page being returned throws during appendToResponse and the app is deployed, all that is displayed is a blank page with the words "Your request produced an error".

To avoid this, either add this to the launch arguments:

```
-DWODisplayExceptionPages=true
```

Or change the main method in your Application class to look like this:

```
public static void main(String argv[]) {  
    System.setProperty("WODisplayExceptionPages", "true");  
    WOApplication.main(argv, Application.class);  
}
```

This won't work if you put it in the constructor.