
Article

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Standard "custom" Error Page For CSP Web Application

Hi folks!

It's not an innovation, but often I saw not a very informative Error page for CSP apps and got it for myself. Something like that:

Turned out that it is relatively easy to make the same page return meaningful error messages. Just add %CSP.Error.cls as a Custom error handling class here:

Required.

Redirect Empty Path ☐

☒ **CSP/ZEN** ☐ Analytics ☐ Inbound Web Services ☐ Prevent login CSRF attack

Security Settings

Resource Required Group By ID

Allowed Authentication Methods ☐ Unauthenticated ☒ Password ☐ Kerberos ☐ Login Cookie

Permitted Classes

Session Settings

Session Timeout seconds Event Class .cls

Use Cookie for Session Session Cookie Path Session Cookie Scope User Cookie Scope

CSP File Settings

Serve Files Serve Files Timeout seconds

Physical Path Browse...

Package Name Default Superclass

Web Settings ☒ Recurse ☒ Auto Compile ☒ Lock CSP Name

Custom Pages

Login Page Change Password Page

Custom Error Page

And the same page will start showing meaningful errors, like in a screenshot below:

← → ↺ 🏠 ⓘ localhost:59236/kozo/Kozo.Samples.KitchenSink.cls?ns=USER

Web Error

A run-time error occurred while executing the page

Error: **<UNDEFINED>zOnPreHTTP+1^Kozo.Page.1 *.Data("editor",1)**
ErrorNo: **5002**
Web Page: **/kozo/Kozo.Samples.KitchenSink.cls**
Namespace: **USER**
Class: **Kozo.Page**
Routine: **Kozo.Page.1**
Location: **zOnPreHTTP+1**
Line: **if %request.Data("editor",1)=1 {**

Web request object inspector

This page inspects server side objects when a request is processed. It shows all the public properties of %request, %session and %response objects, as v stored inside %request object.

Running on **IRIS for UNIX (Ubuntu Server LTS for x86-64 Containers) 2022.1 (Build 209U) Tue May 31 2022 12:28:22 EDT**
This web request is running in the namespace **USER**
The process that served this request has ID **1542**
The session \$Username="**_SYSTEM**" \$Roles="**%All**"
The current time is (UTC) **08/30/2022 10:25:58**

Credit goes to [@Sean Connelly](#)

[#CSP](#) [#Error Handling](#) [#InterSystems IRIS](#)

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