

Article

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Tweaking the Web Applications page of Management Portal

Ever noticed that the Type column of the Web Applications page in the Security section of Management Portal is showing you redundant information?

System > Security Management > Web Applications

Web Applications

Create New Web Application

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The following is a list of Web applications that are currently defined:

Filter:	Page size: 0	Max rows: 1000	Results: 28	Page: 1 of 1			
Name	Namespace	Namespace Default	Enabled	Type	Resource	Authentication Methods	
/api/atelier	%SYS	No	Yes	CSP	%Development	Password	Delete
/api/deepsee	%SYS	No	Yes	CSP		Password	Delete
/api/docdb	%SYS	No	Yes	CSP		Password	Delete
/api/iam	%SYS	No	No	CSP	%IAM	Password	Delete
/api/iknow	%SYS	No	Yes	CSP		Password	Delete
/api/mgmt	%SYS	No	Yes	CSP		Password	Delete
/api/monitor	%SYS	No	Yes	CSP		Unauthenticated	Delete
/api/uima	%SYS	No	Yes	CSP		Password	Delete
/ClassExplorer	USER	No	Yes	CSP		Password	Delete
/csp/osnb	OSNB	Yes	Yes	CSP	%Ens_Portal	Password	Delete
/csp/serenji	SERENJI	Yes	Yes	CSP	%Ens_Portal	Kerberos,Password	Delete
/csp/user	USER	Yes	Yes	CSP		Password	Delete
/csp/yuzinji	YUZINJI	Yes	Yes	CSP		Password	Delete
/isc/studio/usertemplates	%SYS	No	Yes	CSP		Password,Unauthenticated	Delete
/serenji/deltanji	SERENJI	No	Yes	CSP		Password	Delete
/terminal	USER	No	Yes	CSP		Password	Delete
/terminalsocket	USER	No	Yes	CSP		Unauthenticated	Delete
/_vscode	%SYS	No	Yes	CSP		Password	Delete
/csp/broker	%SYS	No	Yes	System,CSP		Unauthenticated	-
/csp/documatic	%SYS	No	Yes	System,CSP	%Development	Password,Unauthenticated	-
/csp/sys	%SYS	Yes	Yes	System,CSP		Password	-
/csp/sys/exp	%SYS	No	Yes	System,CSP	%Development	Password	-
/csp/sys/mgr	%SYS	No	Yes	System,CSP	%Admin_Manage	Password	-
/csp/sys/op	%SYS	No	Yes	System,CSP	%Admin_Operate	Password	-
/csp/sys/sec	%SYS	No	Yes	System,CSP	%Admin_Secure	Password	-
/isc/pki	%SYS	No	Yes	System,CSP		Unauthenticated	-
/isc/studio/rules	%SYS	No	Yes	System,CSP		Password,Unauthenticated	-
/isc/studio/templates	%SYS	No	Yes	System,CSP	%Development	Password,Unauthenticated	-

It seems strange that every row is listed as CSP type. The definition page for each app includes a radiobutton choice between REST and CSP/ZEN

Edit Web Application

Save

Edit definition for web application /api/atelier:

General

Application Roles

Matching Roles

Name /api/atelier

Required. (e.g. /csp/appname)

Description Atelier REST Apis

Namespace %SYS

Default Application for %SYS: /csp/sys

Enable Application ☒

Enable ☒ REST

Dispatch Class %Api.Atelier

Required.

☐ CSP/ZEN

☐ Asynchronous

☐ Inbound Web Services

☐ Prevent log

Security Settings

Resource Required

Here's how I tweaked an InterSystems class to show that classification in the list.


First, clear a checkbox so your IRISLIB or CACHELIB database is no longer read-only:

[System](#) > [Configuration](#) > [Local Databases](#) > [Database Properties](#)

Database Properties

Save

Database Properties

Name	IRISLIB
Directory	c:\intersystems\iris201\mgr\irislib\ 
Encrypted	No
Block Size	8192 Bytes
Size (MB)	Current <input type="text" value="385"/> Expansion <input type="text" value="0"/> <small>>=385 0 for L</small>
Resource Name	<input type="text" value="%DB_IRISLIB"/> <input type="button" value="Creat"/>
New Global	Collation <input type="text" value="IRIS standard"/> <input type="button" value="C"/>
Global Journal State	<input type="checkbox"/>
Preserve Global Attributes on Delete	<input type="checkbox"/>
Mount Read-Only	<input type="checkbox"/>
Mount Required at Startup	Yes
Stream Location	<input type="text"/>

Next, use Studio in the %SYS namespace to edit the [%CSP.UI.Portal.Applications.WebList](#) class.

Find this line:

```
<column colName="Type" header="Type" title="Type of this item."/>
```

and change it to:

```
<column colName="Type" header="Type" title=
"Type of this item." OnDrawCell="DrawType"/>
```

Add this new method:

```
/// OnDrawCell callback for Type column
Method DrawType(pTable As %ZEN.Component.tablePane, pName As %String, pSeed As
%String) As %Status
{
    Set value=%query("Type")
    Set oApp=##class(Security.Applications).%OpenId(%query("Name"))
    If $IsObject(oApp) && (oApp.DispatchClass '= "")
    {
        If value [ "System" {
            Write "System,REST"
        }
        Else
        {
            Write "REST"
        }
    }
    Else
    {
        Write value
    }
    Quit $$$OK
}
```

Save and compile the class.

Here's the result:

System > Security Management > Web Applications

Web Applications

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Last

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/api/iam	%SYS	No	No	REST	%IAM
/api/iknow	%SYS	No	Yes	REST	
/api/mgmt	%SYS	No	Yes	REST	
/api/monitor	%SYS	No	Yes	REST	
/api/uima	%SYS	No	Yes	REST	
/ClassExplorer	USER	No	Yes	CSP	
/csp/osnb	OSNB	Yes	Yes	CSP	%Ens_Portal
/csp/serenji	SERENJI	Yes	Yes	CSP	%Ens_Portal
/csp/user	USER	Yes	Yes	CSP	
/csp/yuzinji	YUZINJI	Yes	Yes	CSP	
/isc/studio/usertemplates	%SYS	No	Yes	CSP	
/serenji/deltanji	SERENJI	No	Yes	CSP	
/terminal	USER	No	Yes	REST	
/terminalsocket	USER	No	Yes	CSP	
/_vscode	%SYS	No	Yes	CSP	
/csp/broker	%SYS	No	Yes	System,CSP	
/csp/documatic	%SYS	No	Yes	System,CSP	%Development
/csp/sys	%SYS	Yes	Yes	System,CSP	
/csp/sys/exp	%SYS	No	Yes	System,CSP	%Development
/csp/sys/mgr	%SYS	No	Yes	System,CSP	%Admin_Manage
/csp/sys/op	%SYS	No	Yes	System,CSP	%Admin_Operate
/csp/sys/sec	%SYS	No	Yes	System,CSP	%Admin_Secure
/isc/pki	%SYS	No	Yes	System,CSP	
/isc/studio/rules	%SYS	No	Yes	System,CSP	
/isc/studio/templates	%SYS	No	Yes	System,CSP	%Development

Finally, reset the database to be read-only.

You'll have to redo this change after each upgrade, unless perhaps the right person at InterSystems is reading this and gets the change put into the products.

[#Management Portal](#) [#Caché](#) [#Ensemble](#) [#InterSystems IRIS](#)

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