Article
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ZPM - Adding CSP pages into an existing Namespace

ZPM is a great tool.
You can compose a large WebApplication following the existing examples.
But differently, to Classes, Routines, Macros, or Globals I found no direct way
to deploy a few additional CSP pages directly into an existing Namespace
without touching the existing content.

A side issue was to find a solution that is independent of WIN or Linux directories.

My solution acts in 2 steps

1. Loading the CSP sources from ZPM
2. Moving them into the Namespace and compiling them.

#1 is a ZPM default and uses an intermediate CSP directory
#2 is covered by $System.OBJ.ImportDir()

And it never cares whether directory slashes bend forward or backward.

I tested it in Linux, Windows, Docker Build with no issues.

This is the related example module.xlm

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Export generator="Cache" version="25">
  <Document name="webcommand.ZPM">
    <Module>
      <Name>webcommand</Name>
      <Version>0.0.2</Version>
      <Description>Slim Command from Web</Description>
      <Packaging>module</Packaging>
      <SourcesRoot>src</SourcesRoot>
      <FileCopy Name="csp/" Target="${cspdir}webcmd"/>
      <Invokes>
        <Invoke Class="%SYSTEM.OBJ" Method="ImportDir">
          <Arg>${cspdir}webcmd</Arg>
          <Arg>*.csp</Arg>
          <Arg>c</Arg>
        </Invoke>
      </Invokes>
    </Module>
  </Document>
</Export>
```

GitHub

#CSP #InterSystems Package Manager (IPM) #InterSystems IRIS

Source URL:https://community.intersystems.com/post/zpm-adding-csp-pages-existing-namespace