
Question

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Installation Manifest

I am trying to make application deployable using Installation Manifest.

I use **IRISHealthCommunity-2022.2.0.368.0-winx64.exe** to run manifest during installation

I run it from windows command line using the following command:

```
IRISHealthCommunity-2022.2.0.368.0-winx64.exe INSTALLERMANIFEST="C:\FixxerInstall\src\Installer.xml" INSTALLERMANIFESTLOGFILE="Log.txt" INSTALLERMANIFESTLOGLEVEL=3 INSTALLERMANIFESTPARAMS="FlaggerCSPDir=C:\FixxerInstall\src\csp\flagger,ClassImportDir=C:\FixxerInstall\src\import\"
```

It works but a little bit strange.

I try to create csp application using manifest.

My XData:

```
XData MyInstall [ XMLNamespace = INSTALLER ]
{
<Manifest>
  <CopyDir
    Src="{FlaggerCSPDir}"
    Target="{CSPDIR}flagger"
    IgnoreErrors="1"/>
    <Namespace
      Name="flagger"
      Create="yes" Code="flagger"
      Ensemble="1"
      Data="flagger">
        <Configuration>
          <Database
            Name="flagger"
            Dir="{MGRDIR}flagger"
            Create="yes"/>
          </Configuration>
          <Import File="{ClassImportDir}"/>
        <CSPApplication
          CSPZENEnabled="1"
          LoginClass="/csp/flagger/Flagger.LoginAuth.cls"
          CustomErrorPage="/csp/flagger/error.csp"
          ChangePasswordPage="/csp/flagger/Flagger.ChangePassword.cls"
          AutoCompile="1"
          Url="/csp/flagger"
          IsNamespaceDefault="1"
          InboundWebServicesEnabled="1"
          Recurse="1"
          AuthenticationMethods="64"
          DefaultTimeout="900"
          Directory="{CSPDIR}flagger"
          UseSessionCookie="2"
```

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```
CookiePath="/csp/flagger/"
ServeFiles="1"
ServeFilesTimeout="3600"
/>
</Namespace>
</Manifest>
}
```

As you can see inside CSPApplication tag I specified

```
LoginClass="/csp/flagger/Flagger.LoginAuth.cls"
CustomErrorPage="/csp/flagger/error.csp"
ChangePasswordPage="/csp/flagger/Flagger.ChangePassword.cls"
```

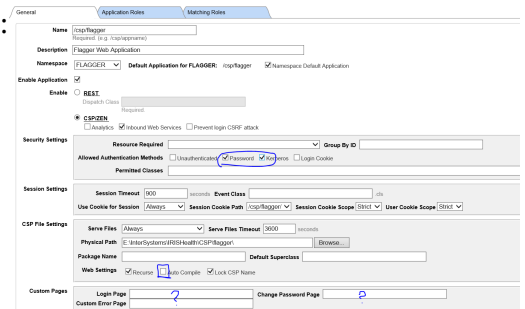
```
AutoCompile="1"
```

But after installation some properties do not apply and some properties have different values.

In Allowed authentication methods I specified **AuthenticationMethods="64"** (this is unauthenticated, but in management portal Password and Kerberos are selected)

Looks like the properties are set to default, and my specification is skipped

Created web application page in Management portal after the installation:



** UPDATED **

I found some compilation errors in class import phase. I added **IgnoreErrors="1"** attribute to **<Import>** tag. Also I set **AuthenticationMethods="32"** (password)

```
<Import File="$${ClassImportDir}" IgnoreErrors="1"/>
```

I suppose that my log file contains following lines. When it creates namespace it creates webapplication by default with default configurations

```
2022-12-16 17:57:19 1 CONSOLE: - Creating CSP Application: /csp/flagger
2022-12-16 17:57:19 1 CONSOLE: Name = [/csp/flagger]
2022-12-16 17:57:19 1 CONSOLE: AuthEnabled = [36]
2022-12-16 17:57:19 1 CONSOLE: Enabled = [1]
2022-12-16 17:57:19 1 CONSOLE: Description = [Interoperability Management Portal]
2022-12-16 17:57:19 1 CONSOLE: Resource = [%EnsPortal]
2022-12-16 17:57:19 1 CONSOLE: AutoCompile = [0]
2022-12-16 17:57:19 1 CONSOLE: Timeout = [900]
2022-12-16 17:57:19 1 CONSOLE: Path = [C:\InterSystems\IRISHealth\CSP\flagger]
2022-12-16 17:57:19 1 CONSOLE: Recurse = [1]
2022-12-16 17:57:19 1 CONSOLE: LoginPage = []
```

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```
2022-12-16 17:57:19 1 CONSOLE: InbndWebServicesEnabled = [1]
2022-12-16 17:57:19 1 CONSOLE: TwoFactorEnabled = [0]
2022-12-16 17:57:19 1 CONSOLE: IsNameSpaceDefault = [0]
2022-12-16 17:57:19 1 CONSOLE: PermittedClasses = []
2022-12-16 17:57:19 1 CONSOLE: MatchRoles = []
2022-12-16 17:57:19 1 CONSOLE: Type = [2]
2022-12-16 17:57:19 1 CONSOLE: CookiePath = [/csp/flagger/]
2022-12-16 17:57:19 1 CONSOLE: LockCSPName = [1]
2022-12-16 17:57:19 1 CONSOLE: NameSpace = [FLAGGER]
2022-12-16 17:57:19 1 CONSOLE: CSPZENEnabled = [1]
2022-12-16 17:57:19 1 CONSOLE: GroupById = [%\SCMgtPortal]
2022-12-16 17:57:19 1 CONSOLE: ServeFiles = [2]
2022-12-16 17:57:19 1 CONSOLE: UseCookies = [2]
2022-12-16 17:57:19 1 CONSOLE: - Removing legacy CSP pages and files from directory
'C:\InterSystems\RISHealth\CSP\flagger\'
```

After that I found the lines that are related to my Web application specification (When i use <Import> without IgnoreErrors=1 these lines were not there). But by some reason some properties are skipped (for example LoginClass):

```
2022-12-19 20:43:51 3 Evaluate: ${CSPDIR}flagger -> C:\InterSystems\RISHealth\CSP\flagger
2022-12-19 20:43:51 3 Evaluate: /csp/flagger/ -> /csp/flagger/
2022-12-19 20:43:51 3 Evaluate: 32 -> 32
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: 900 -> 900
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: 2 -> 2
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: 3600 -> 3600
2022-12-19 20:43:51 3 Evaluate: /csp/flagger/error.csp -> /csp/flagger/error.csp
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: /csp/flagger/Flagger.ChangePassword.cls ->
/csp/flagger/Flagger.ChangePassword.cls
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: 0 -> 0
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: 1 -> 1
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: ->
2022-12-19 20:43:51 3 Evaluate: ->
```

The page in managment portal after installation

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The screenshot shows the 'Edit definition for web application /csp/flagger' configuration page in the InterSystems Developer Portal. The page is divided into several sections: General, Application Roles, and Matching Roles. The 'General' section is active and contains the following fields and settings:

- Name:** /csp/flagger (Required, e.g. /csp/appname)
- Description:** Flagger Web Application
- Namespace:** FLAGGER (Default Application for FLAGGER: /csp/flagger, Namespace Default Application checked)
- Enable Application:** Checked
- Enable:** REST (Dispatch Class Required), CSP/ZEN (Analytics checked, Inbound Web Services checked, Prevent login CSRF attack unchecked)
- Security Settings:** Resource Required (dropdown), Group By ID (dropdown), Allowed Authentication Methods (Unauthenticated unchecked, Password checked, Kerberos checked with a red X, Login Cookie unchecked), Permitted Classes (dropdown)
- Session Settings:** Session Timeout (900 seconds), Event Class (dropdown), Use Cookie for Session (Always), Session Cookie Path (/csp/flagger/), Session Cookie Scope (Strict), User Cookie Scope (Strict)
- CSP File Settings:** Serve Files (Always), Serve Files Timeout (3600 seconds), Physical Path (E:\InterSystems\IRISHealth\CSP\flagger\), Package Name (dropdown), Default Superclass (dropdown), Web Settings (Recurse checked, Auto Compile checked, Lock CSP Name checked)
- Custom Pages:** Login Page (dropdown), Change Password Page (/csp/flagger/Flagger.ChangePassword.cls), Custom Error Page (/csp/flagger/error.csp)

[#Deployment](#) [#Management Portal](#) [#InterSystems IRIS for Health](#)

Product version: IRIS 2022.1

Source URL: <https://community.intersystems.com/post/installation-manifest>