

Question

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Calling Custom Sensors using ZPM

Hi,

During the implementation of iris-history-monitor using ZPM, I'm bumping on the following scenario:

My Installer.cls has a call for the Custom Sensors Class method. The Custom information looks like a charm as I described in this article:

[IRIS History Monitor using custom built-in REST API /api/monitor/metrics](#)

But, now I'm trying to replicate the same behavior using the module.xml to work with ZPM.

```
<?xml version="1.0" encoding="UTF-8"?>
<Export generator="Cache" version="25">
  <Document name="iris-history-monitor.ZPM">
    <Module>
      <Name>iris-history-monitor</Name>
      <Version>1.2.2</Version>
      <Packaging>module</Packaging>
      <SourcesRoot>src</SourcesRoot>
      <Resource Name="diashenrique.historymonitor.dashboard.PKG"/>
      <Resource Name="diashenrique.historymonitor.util.PKG"/>
      <Invokes>
        <Invoke Class="diashenrique.historymonitor.util.customSensors" Method="Custom
ApplicationMetrics"></Invoke>
        <Invoke Class="diashenrique.historymonitor.util.Favorite" Method="%AddFavorit
e">
          <Arg>HistoryMonitor</Arg>
          <Arg>/csp/irismonitor/dashboard.csp</Arg>
        </Invoke>
      </Invokes>
      <CSPApplication
        Url="/csp/irismonitor"
        Path="/src/csp"
        Directory="{%$cspdir}/irismonitor"
        ServeFiles="1"
        Recurse="1"
        CookiePath="/csp/irismonitor"
        UseCookies="2"
        MatchRoles=":%DB_${Namespace}"
        PasswordAuthEnabled="1"
        UnauthenticatedEnabled="0"
      />
    </Module>
  </Document>
</Export>
```

The ClassMethod to create the Custom Sensors:

```
ClassMethod CustomApplicationMetrics() As %Status
{
    Set oldNamespace = $Namespace
    New $Namespace
    Set $Namespace = "%SYS"
    Set status = ##class(SYS.Monitor.SAM.Config).AddApplicationClass("diashenrique.hi
storymonitor.util.customSensors",oldNamespace)
    Quit status
}
```

I don't think it's a ZPM problem because the second Invoke works fine and I have a link favorite added to the IRIS Management Portal.

I didn't get any error.

Did anyone face this situation before?

Thanks

[#API](#) [#Monitoring](#) [#InterSystems](#) [IRIS](#)

Source URL: <https://community.intersystems.com/post/calling-custom-sensors-using-zpm>