

## ZPM ??????????: InterSystems ??????????????????

??

[Toshihiko Minamoto](#) · 2021??10?



9m read

[Open Exchange](#)

## ZPM ??????????: InterSystems ??????????????????

????????????????????

?????? [InterSystems Package Manager](#) (ZPM) ??????????? ZPM ????????? 1 ?????????????????????? ZPM  
??

?????????InterSystems IRIS ?????????????????? module.xml ?????????????????????????????????

?????????module.xml ???

?????samples-objectscript ??????????????????????????????????????IRIS ? [ObjectScript ??????????????????](#)?????????????????

```
zpm: USER>install samples-objectscript
```

?? [module.xml](#) ???

```
<Export generator="Cache" version="25">
  <Document name="samples-objectscript.ZPM">
    <Module>
      <Name>samples-objectscript</Name>
      <Version>1.0.0</Version>
      <Packaging>module</Packaging>
      <SourcesRoot>src</SourcesRoot>
      <Resource Name="ObjectScript.PKG"/>
    </Module>
  </Document>
</Export>
```

????????????????????????????????

module.xml ??Cache/IRIS ? XML ???

????????????????

????????????????????? ???????????-????????????????????????? (???????? samples-objectscript)?  
?????????????????????.ZPM?????Document ??? name ??????????????

Document ?????????????????????

- ?????????? ?????



```
<SourcesRoot>src</SourcesRoot>  
<Resource Name="DeepSeeButtons.mac" />  
</Module>  
</Document>  
</Export>
```

??????

????????????????????????????????

? ??????????????????

?:

```
<Author>  
  <Organization>InterSystems</Organization>  
  <CopyrightDate>2019</CopyrightDate>  
</Author>
```

**CSP/Web ??????????????????**

ZPM ??????????????????????????

?????????????CSPApplication ??? [CSPApplication ??????](#)?????????????????

????DeepSeeWeb ? [module.xml](#) ??? CSPApplication ??????????

```
<CSPApplication  
  Url="/dsw"  
  DeployPath="/build"  
  SourcePath="{cspdir}/dsw"  
  ServeFiles="1"  
  Recurse="1"  
  CookiePath="/dsw"  
>
```

?????????/dsw ?????????????????????????????????? /build ?????????????????????? IRIS csp ??????? \$  
{cspdir}\*\*\*\*/dsw ??????????????????

**REST API ??????????**

??? REST-API ??????????????????CSPApplication ??????????????????MDX2JSON module.xml ??????????????????

```
<CSPApplication  
  Path="/MDX2JSON"  
  Url="/MDX2JSON"  
  CookiePath="/MDX2JSON/"  
  PasswordAuthEnabled="1"  
  UnauthenticatedEnabled="1"  
  DispatchClass="MDX2JSON.REST"  
>
```

????



# ZPM ??????????: InterSystems ??????????????????

Published on InterSystems Developer Community (<https://community.intersystems.com>)

---

????????????????ZPM ?????????????????????????????????

???? ????????????????? ??? module.xml ?????????????????

???????????????????????? module.xml ?????????????????

## InterSystems ?????????????????????????????????

????????? 2 ??????

1.

????????? [Open Exchange](#) ??????????

2.

[Community Package Manager](#) ??????

??

module.xml ?????????????????????????????????)

[#ObjectScript Package Manager \(ZPM\)](#) [#?????????](#) [#???](#) [#InterSystems IRIS](#) [#Open Exchange](#)  
[InterSystems Open Exchange](#)????????????????????????????

10 2 0 0 19

Log in or sign up to continue  
?????????

???URL: <https://jp.community.intersystems.com/post/zpm-%E3%83%A2%E3%82%B8%E3%83%A5%E3%83%BC%E3%83%AB%E3%81%AE%E6%A7%8B%E9%80%A0-intersystems-%E3%82%BD%E3%83%AA%E3%83%A5%E3%83%BC%E3%82%B7%E3%83%A7%E3%83%B3%E3%81%AE%E3%83%91%E3%83%83%E3%82%B1%E3%83%BC%E3%82%B8%E5%8C%96%E3%80%82>