

Announcement

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[Open Exchange](#)

Interoperability Read Only access

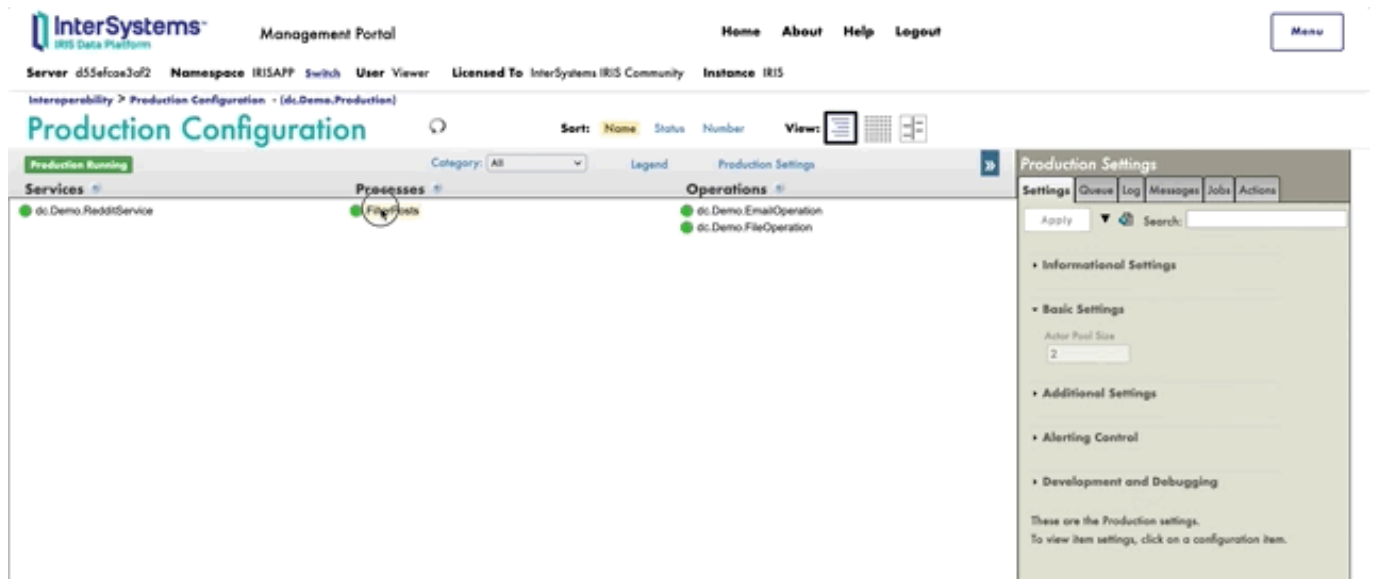
Interoperability Read Only access

In companies, most of the time, we have test, stage and production environments.

It is very common that we, the developers, do not have the right to modify or touch the production directly because all the modifications must be traced in a versioning tool and tested before a production release.

However, a read access to the production (especially to the traces) can allow us to better understand a possible bug.

That's why I propose this ZPM module that creates a new role in IRIS that allows access to the productions and this only in read-only with access to the visual traces.



iris-readonly-interop

This is a simple install of a new role : #Ready_Only_Interop.

The objective of this role is to visualize:

- the traces
- the productions
- the business process
- the business rules
- DTLs
- Records Maps

- ...

In a secure way, no action is permitted.

Installation: ZPM

Open IRIS Namespace with Interoperability Enabled.
Open Terminal and call:

```
zpm "install readonly-interoperability"
```

Demo

You can have a demo of this role, from this git repository.

Use the user Viewer with password SYS.

Installation: Docker

Clone/git pull the repo into any local directory

```
$ git clone https://github.com/intersystems-community/iris-interoperability-template.git
```

Open the terminal in this directory and run:

```
$ docker-compose build
```

3. Run the IRIS container with your project:

```
$ docker-compose up -d
```

How to Run the Sample

Open the [production](#).

With this link you will be able to visualize but not modify anything.

The screenshot shows the InterSystems Configuration console for a production environment (dc.Demo.Production). The main area displays a list of processes, with 'FilterPosts' selected. A modal dialog box is open, displaying the following text:

```
localhost:52795
The current status of this item is: OK.
You do not have permissions to change the status of this item.
OK
```

The dialog box has a red circle around the error message. The right-hand sidebar shows the configuration settings for the 'FilterPosts' process, including 'Basic Settings' where the 'Enabled' checkbox is checked.

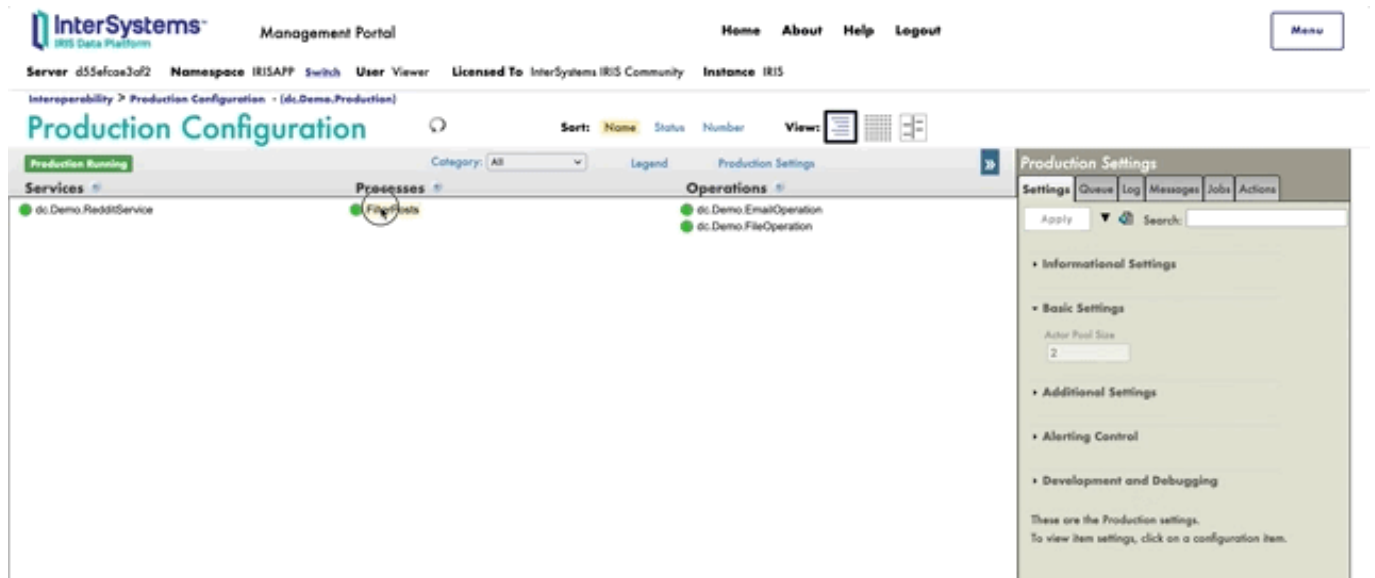
See traces : [trace](#)

VISUAL TRACE

The screenshot shows the Visual Trace interface for Session ID: 460. It includes navigation controls like 'Go to items', 'Items per page', and 'Apply Filter'. The trace entry is expanded to show its XML content:

```
<?xml version="1.0" ?>
<!-- type: dc.Demo.PostMessage id: 390 -->
<PostMessage>
  <ToEmailAddress></ToEmailAddress>
  <Found></Found>
  <Post>
    <OriginalJSON><![CDATA[{"kind":"t3","data":
    {"approved_at_utc":null,"subreddit":"donaldglover","se
    song where he says he goes to this house to do some ph
    \n&amp;#x200B;\n\nChecked through his first 8-9 albums
    Anyone know what it could
    be?","author_fullname":"t2_2kovrsuf","saved":false,"mo
    know this childish gambino song?","link_flair_richtext
    [{"e":"text","t":"Question"}],"subreddit_name_prefixe
    {},"thumbnail_width":null,"author_flair_template_id":n
    [],"secure_media":null,"is_reddit_media_domain":false,
    {},"link_flair_text":"Question","can_mod_post":false,"
    [],"gildings":
    {},"content_categories":null,"is_self":true,"mod_note"
    SC_OFF --&gt;&lt;div class="md"&gt;&lt;p&gt;I&amp;#3
```

Example :



Challenge

The challenge was from the SQL privileges to enable the message viewer.

This part was quiet tricky, because all the SQL privileges have to be promoted by hand of each Interoperability Namespace.

[#Interoperability](#) [#InterSystems IRIS](#)

[Check the related application on InterSystems Open Exchange](#)

Source URL: <https://community.intersystems.com/post/interoperability-read-only-access>