Article

[Evgeny Shvarov](#) · Jan 9, 2020 2m read

 [Open Exchange](#)

InterSystems Open Exchange: How to use it?

Hi Developers!

Recently we updated the design of [Open Exchange](#) and I want to describe how you can find the solutions you are interested in.

Applications Catalog

The first thing you see is the catalog of published applications, tools, and solutions.

The number of applications shows you how many are published or/and fit your query.

You can find the solution you are looking for with the following set of Categories, Products or Industries:

197 Applications

Search

Categories ∧

☐ Analytics

☐ Developer Environment

☐ Frameworks

☐ Interoperability

☐ Solutions

☐ Technology Example

☐ Tools

Works with ∧

☐ Caché

TOOLS ★2

ObjectScript-Math

Math library for InterSystems ObjectScript

ANALYTICS ★2

DeepSeeWeb

Renderer for DeepSee Dashboards in Browser with MDX2JSON as a

TECHNOLOGY EXAMPLE ★2

TECHNOLOGY EXAMPLE ★1

Or you can just search for the tool you are looking for. E.g. let's find applications which help to work with "Python":

Application

The application page shows the Name, version, description, author, publisher (if any), release date, repository, documentation, license, and Download:

SUDOKU

DETAILS   SCREENSHOTS   VERSION HISTORY   ISSUES

What's new in this version

Fixed an endless loop if no solution possible

Added some admin commands: ;; navigate between boxes by cursor keys <>^v ;; simple administration commands: ;; . to stop ;; , to stop ;; * start the solver ;; x eXport status to csv_file (0 = terminal) ;; i import status from csv_file (0 = terminal) ;; ^ write snapshot to global ^box ;; ! load snapshot from global ^box

A demo in traditional style

SUDOKU

A demo in traditional style COS

This was written based on a previous trial in .XLS
It is far from being perfect. Rather a challenge for improvement in all directions (code, interface, ...)
So anyone feel invited to make it better.

```
USER>d ^SUDOKU
;; Welcome to this SUDOKU demo !
;; you may solve your SUDOKU easier or create your own
;; under each box entry you find a list
;; of allowed values for this box
;; fill in numbers 1..9 as you need
;; to clear a box enter any character or blank
;; to stop enter . or , for the solver enter ?
;; navigate between boxes by cursor keys <>^v
;;
```

Category

Technology Example

Works with

Caché, InterSystems IRIS

Tags

Demo, Base for improvement

See all the author's applications

Info

Author	Robert Cemper
Version	1.4
Last updated	2019-12-13
Repository	Open
Documentation	Open
License	Link

Check Application's source code

Check the licence

DC Article

🐦 📘 in

Click to Download the Application →   **Download**   **Discuss**

Also, it has an active Discuss button if the application has the related post on Developers Community

Every app could have release history:

SUDOKU

👁 Follow 2   ★ Star 2

DETAILS   SCREENSHOTS   VERSION HISTORY   ISSUES

1.4
Released: 2019-12-13
Fixed an endless loop if no solution possible

Added some admin commands: ;; navigate between boxes by cursor keys <>^v ;; simple administration commands: ;; . to stop ;; , to stop ;; * start the solver ;; x eXport status to csv_file (0 = terminal) ;; i import status from csv_file (0 = terminal) ;; ^ write snapshot to global ^box ;; ! load snapshot from global ^box

1.3
Released: 2019-12-10
new version is SUDOKU3.mac

Changes in this update:

- new layout for use on standard terminal 48x80
- solver is now triggered by * instead of ?
- solving strategy expanded for higher hit rates: resolve unique options by row, column, group

1.0.0
Released: 2019-12-09
Initial Release

Category

Technology Example

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Tags

Demo, Base for improvement

Info

Author	Robert Cemper
Version	1.4
Last updated	2019-12-13
Repository	Open
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License	Link

And issues/tasks open for the application which you can add to a related Github repository:

ObjectScript-Math

⊙ Follow 1   ★ Star 2

DETAILS VERSION HISTORY **ISSUES**

New issue

❷ Wrap $zabs into Absolute Value function
❷ Implement permutation function
❷ Implement combination function

Category
Tools

Works with
Caché, InterSystems IRIS

Tags
Math, Tools, ObjectScript

Info
Author	Peter Steiwer
Version	0.0.4
Last updated	2020-01-08
Repository	Open
Documentation	Open

All the application releases appear on the News page, where you can see the release news and links to the app and author:

Date	Application		Author
2019-12-21	iris-explorer	**D**	David Reche

Release Notes	
1.1.0	Upgrade to IRIS Community 2019.4

Date	Application		Author
2019-12-20	Serenji	**J**	John Murray

Release Notes	
3.0.9	• Make debug session stop cleanly at end of execution.

- Make debug session stop cleanly at end of execution.
- Allow debugging to target line labels that come after a zero-length line.
- Fix "Cannot read property 'length' of undefined" that occurred when using namespace-specific launch-type debug config in a root-level workspace.
- Color %-labels correctly.
- Fix issues with F12 not going to correct line.
- Handle larger local variable arrays when debugging.
- Suppress suggestions when typing a label at the start of a line.

Date	Application		Author
2019-12-14	zpm-registry		Evgeny Shvarov

Release Notes	
1.0.1	zpm-registry module introduced

You can check all the applications of a particular author. E.g. here are the apps from @ Eduard Lebedyuk:

Applications could be published on behalf of the company. Here are the companies which publish applications on Open Exchange:

And you can check all the applications published by a particular company. E.g. by George James:

This was a quick guide on InterSystems Open Exchange features. In the next article, we'll review how to publish an application on Open Exchange.

Stay tuned!

#Release #Tutorial #Open Exchange
Check the related application on InterSystems Open Exchange

Source URL:https://community.intersystems.com/post/intersystems-open-exchange-how-use-it