

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.



[NEWS](#) [COMPANIES](#) [ABOUT](#) [CONTACT US](#) [CREATE AN ACCOUNT](#) [LOGIN](#) [GO TO](#)

197 Applications

Sorted by: Date ▾

Categories ^

- ☐ Analytics
- ☐ Developer Environment
- ☐ Frameworks
- ☐ Interoperability
- ☐ Solutions
- ☐ Technology Example
- ☐ Tools

Works with ^

TOOLS ★2**ObjectScript-Math**
Math library for InterSystems
ObjectScript

ANALYTICS ★2**DeepSeeWeb**
Renderer for DeepSee Dashboards in
Browser with MDX2JSON as a

DEVELOPER ENVIRONMENT**zpm-registry**
InterSystems ObjectScript Registry
Server For ZPM packages

TECHNOLOGY EXAMPLE ★2

TECHNOLOGY EXAMPLE ★1

DEVELOPER ENVIRONMENT ★3

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":


197 Applications

Categories

☐ Analytics
☐ Developer Environment
☐ Frameworks
☐ Interoperability
☐ Solutions
☐ Technology Example
☐ Tools

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

Application

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



SUDOKU

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[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](#)

Info

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

[See all the author's applications](#)

[Check Application's source code](#)


[Check the licence](#)

[DC Article](#)

[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

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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](#)

Works with

[Caché, InterSystems IRIS](#)


Tags

[Demo, Base for improvement](#)

Info

Author	Robert Cemper
Version	1.4
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And issues/tasks open for the application which you can add to a related Github repository:

 **ObjectScript-Math**

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DETAILS VERSION HISTORY ISSUES

New issue

- 🔗 [Wrap \\$zabs into Absolute Value function](#)
- 🔗 [Implement permutation function](#)
- 🔗 [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	 David Reche
Release Notes	Upgrade to IRIS Community 2019.4	
1.1.0		

Date	Application	Author
2019-12-20	Serenji	 John Murray
Release Notes	<ul style="list-style-type: none">• 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.	
3.0.9		

Date	Application	Author
2019-12-14	zpm-registry	 Evgeny Shvarov
Release Notes	zpm-registry module introduced	
1.0.1		


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





NEWSCOMPANIESABOUTCONTACT USCREATE AN ACCOUNTLOGINGO TO


Eduard Lebedyuk


Follow0


**Apache POI**
ObjectScript part for apache-poi integration


**ArduinoSnippets**
Connect your Arduino to Caché via com port (or usb<->com)


**Cache-FileServer**
Seed for sharing files via uid with InterSystems Cache.

**CacheGitHubCI**
Continuous Integration for InterSystems Caché and GitHub

**CacheUpdater**
Sync GitHub repositories into InterSystems Cache.

**CommunityEns**
Repository showcasing Ensemble capabilities.

**Document Converter**
Convert documents from InterSystems Cache easily


**EnsembleWorkflow**
Restful web API for InterSystems Ensemble / InterSystems IRIS


Applications could be published on behalf of the company. Here are [the companies](#) which publish applications on Open Exchange:


12 Companies


Sorted by: Date ▾


Search


**bewidata**
Unternehmensberatung und EDV-Service GmbH
- Central payment - MÖBELPILOT, ERP


**BridgeWorks, LLC.**
Software development company focusing on reporting and data


**InterSystems Corporation**
InterSystems Corporation is a Software Development company

**YANBOR LLC**
YANBOR LLC is a small software development company, developing

**mvCTS GmbH**

**Kanosoftware**
Kanosoftware brings simplicity and

**Vicert**

**Lite Solutions**

And you can check all the applications published by a particular company. E.g. by [George James](#):

George James Software

Follow

0



We create unique tools for software engineers who work on the InterSystems platforms. We also provide consulting, programming and support services.

Site: <https://georgejames.com>

Email: info@georgejames.com

★ 1



Deltanji

Comprehensive source control running natively inside InterSystems

★ 3



Serenji

A unique Visual Studio Code extension for Browsing, Editing and

★ 1



The Folding Stuff

'The Folding Stuff' is a simple VSCode extension that adds Visual

★ 1



Umlanji

Visualization of classes using UML modeling tools with XML 1.2 support

★ 1



Yuzinji

Code metrics, structure and dependency analysis for classes and

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>