Announcement
Anastasia Dyubaylo · Sep 1, 2020

InterSystems Open Exchange August 2020 Digest

Hey Developers,
Here is a digest of new solutions and applications submitted to the InterSystems Open Exchange in August 2020.
General stats:

318 published applications
370 downloads in August
687 developers joined

New applications (23)

iris-fhir-template *by* Evgeny Shvarov

FHIR Server template using InterSystems IRIS for Health

iris4health-fhir-analytics *by* José Roberto Pereira Jr

An example on how to take advantage of FHIR data schema created by IRIS for Health in conjunction with IRIS
Analytics to provide analytics on FHIR data.

iris-fhir-portal *by* Henrique Gonçalves Dias

Patient Chart using FHIR Resources

FHIR Patient Browser *by* Anton Umnikov

Simple Patient Browser app for FHIR server, using fhir.js library

REST API with FHIR data scheme *by* davi massaru teixeira muta

An example of how to customize API routes within the FHIR data schema.

fhir-chatbot *by* Renato Banzai

A chatbot to query patient information using FHIR.

Swagger-IRIS-FHIR *by* Anton Umnikov

Swagger-UI frontend fot InterSystems IRIS FHIR server

QR-FHIR *by* YURI MARX PEREIRA GOMES

App to generate FHIR QR Codes and vCards from InterSystems IRIS FHIR Resource

errors-global-analytics *by* Evgeny Shvarov

Analytics for the bugs in ^ERRORS

dynapool *by* Daniel Kutac

This is an experimental project adding dynamic poolsize allocation functionality into productions.

HIS qMS *by* Vera Nikitina

The unified full-functional Hospital Information System qMS (HIS qMS) provides complete automation of
technological processes in a modern medical organization of any size and profile. Among our implementations are
regional HIS, large federal centers, university hospitals, private medical centers and laboratory chains.

Global Dump-to-SQL *by* Robert Cemper

Show Global by SQL SELECT

Global Scanning and Slicing to SQL *by* Robert Cemper

Analyze Globals by Subscript-Level to SQL

CloudFormation IRIS Deployment *by* Anton Umnikov

Collection of scripts for Automated deployment of InterSystems IRIS instances into the Amazon cloud

Kafka Demo with InterSystems IRIS *by* Amir Samary

Demo of InterSystems IRIS with Kafka, Schema Registry, AVRO and Schema Migration. We also show how the
data coalesced in InterSystems IRIS can be queried using SQL, REST and MDX (Business Intelligence)

objectscriptQuality *by* Daniel

Analyze your ObjectScript source code to find bugs and vulnerabilities, obtain detailed Unit Test Coverage, and

improves your software process management using your own KPIs, always focused on code quality
[objectscriptQuality for Studio](#) *by* [Daniel](#)
IDE extension that helps you detect and fix quality issues as you write code. Like a spell checker, this extension squiggles flaws so they can be fixed before committing code. You can get it from our site and it will then detect new bugs and quality issues as you code (ObjectScript and JavaScript) integrated in your development environment.
[Collection Indexing and Query](#) *by* [Robert Cemper](#)
How to get correct index for SQL query generator
[ObjectScript extension for Visual Studio Code](#) *by* [Raj Singh](#)
InterSystems ObjectScript support for VS Code
[irisdemo-base-synthea](#) *by* [Phillip Booth](#)
Docker container wrapping the Synthea application for minimal setup and easy use. Synthea is a Synthetic Patient Population Simulator. The goal is to output synthetic, realistic (but not real), patient data and associated health records in a variety of formats (FHIR is the default).
[objectscriptQuality for Atelier](#) *by* [Daniel](#)
IDE extension that helps you detect and fix quality issues as you write code. Like a spell checker, this extension squiggles flaws so they can be fixed before committing code. You can install it directly from Atelier and it will then detect new bugs and quality issues as you code (ObjectScript and JavaScript).
[objectscriptQuality for VSCode](#) *by* [Daniel](#)
IDE extension that helps you detect and fix quality issues as you write code. Like a spell checker, this extension squiggles flaws so they can be fixed before committing code. You can get it directly from the VS Code Marketplace and it will then detect new bugs and quality issues as you code (ObjectScript and JavaScript)
[Restart httpd for SMP](#) *by* [Robert Cemper](#)
Restart httpd server for SMP
New releases (20)
[IRIS internal WebSocket Client](#) *by* [Robert Cemper](#)
v1.0.1
now with ZPM
v1.0.2
update ZPM Package structure
v1.0.4
Fix get CSP Port

[JSON Web Token Generator](#) *by* [Lorenzo Scalese](#)
v1.1.0
Add purge blacklist method

[isc-utils](#) *by* [Henrique Gonçalves Dias](#)
v1.0.1
fixed typo in the long description

[Ingestion Speed Test](#) *by* [Amir Samary](#)
v1.0.4
Fixing documentation

[objectscript-starter-pack-example](#) *by* [Maks Atygaev](#)
v1.0.1
Release 1.0.1

ZPretty *by* Robert Cemper

v1.0.3

fix URL

SUDOKU Demo *by* Robert Cemper

v1.0.3

fix URL

IRIS-NativeAPI Node.js compact *by* Robert Cemper

v1.0.5

fix URL

fast JSON formatting in IRIS *by* Robert Cemper

v1.0.5

fix URL

Background Jobs over ECP *by* Robert Cemper

v1.0.3

fix URL

function ISJSON *by* Robert Cemper

v1.0.4

add dependency of "pretty-json"

WebSocket EchoServer IRIS internal *by* Robert Cemper

v1.0.3

fixed app-name

SQL for ^ERRORS Global *by* Robert Cemper

v1.0.4

add backlink to DC article

Zpipe *by* Robert Cemper

v1.0.8

add backlink to DC article

DeepSeeWeb *by* Anton Gnibeda

v3.0.3

This is **alpha** release of newly rewritten DSW with TypeScript and Angular 10 + service workers support.

This version comes with new UI and latest versions of Highcharts, gridster and other libs.

This version is still **not supports**: * user addons (base addons as map, html text, worldmap are included in bundle already) * changing app settings via UI(only configs supported) * color adjustments and theming * some specific widget settings or features(eg. changing type of chart) Also this version can contain several bugs due to code rewrite

Do not install it, if you use features described above.
v3.0.4
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v3.0.6

3.0.6a

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v3.0.7
added missing import to csv/xls

added missing import to images (for charts)

fixed style for context menu

added sub menu items support for context menu

changed logo for login screen

fixed issue with chart series colors

fixed issue with public dsw

added description for new url style in readme

apps-rest *by* Timothy Leavitt

v1.0.1
Fixed issue with cleanup of projection metadata

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objectscript-openapi-definition *by* Guillaume Rongier
v1.1.0
Add support of enums

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objectscript-docker-template *by* Evgeny Shvarov
v1.0.9
JDBC default port is updated from 51773 to 1972 dev.md is updated with new commands

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objectscript-errors *by* Evgeny Shvarov
v1.0.1
Small dockerfile fix

Production Manager *by* Nikolay Soloviev
v1.0.6
update zpm module.xml

Top 10 downloads of the month
iris-history-monitor
by Henrique Gonçalves Dias

28

VSCode-ObjectScript
by Dmitry Maslennikov

25

Serenji
by John Murray

23

PythonGateway
by Eduard Lebedyuk

22

iris-fhir-template
by Evgeny Shvarov

19

iris4health-fhir-analytics
by José Roberto Pereira Jr

12

iris-fhir-portal
by Henrique Gonçalves Dias

8

apps-rest
by Timothy Leavitt

7

pex-demo
by Eduard Lebedyuk

6

Caché Monitor
by Andreas Schneider

5

Top 10 downloads of all time
iris-history-monitor
by Henrique Gonçalves Dias

890

VSCode-ObjectScript
by Dmitry Maslennikov

808

PythonGateway
by Eduard Lebedyuk

507

Serenji
by John Murray

275

AnalyzeThis
by Peter Steiwer

177

WebTerminal
by Nikita Savchenko

164

Caché Monitor
by Andreas Schneider

139

ObjectScript Package Manager
by Evgeny Shvarov

138

DeepSeeButtons
by Peter Steiwer

124

[ObjectScript-Math](#)
by [Peter Steiwer](#)

122

[#Digest](#) [#Open Exchange](#)

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