Announcement Anastasia Dyubaylo · Nov 1, 2020

# InterSystems Open Exchange October 2020 Digest

Hey Developers,

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

353 published applications

454 downloads in October

751 developers joined

New applications (26)

npm-iris by Henrique Goncalves Dias Project & Task Management using InterSystems IRIS and Bootstrap 4 realworld-intersystems-iris by Dmitry Maslennikov InterSystems IRIS Starter kit for new RealWorld framework implementations IRIS apiPub by Claudio Devecchi automatically publish RESTful API's built with Intersystems IRIS technology, in the simplest and fastest way possible, using the Open API Specification (OAS 3.0) standard gewd-conduit by Rob Tweed QEWD Implementation of the RealWorld Conduit REST Back-end restoreUI by Vasiliy Bondar UI for restoring databases from online backup iris-battleship by Renato Banzai Why not a game in contest? Video-Annotator by Jack Valinsky Web app to annotate YouTube videos with timestamped notes that are stored in IRIS. Feeder by Oliver Wilms Feeder Production that generates test files and sends test messages to Interoperability Production while using %UnitTest.TestProduction TestControl to gather and publish results. fhir-terminology-service by Dmitry Zasypkin Implementation of FHIR Terminology Service specification. Health Insight Demo Examples by Jonathan Wald Several COVID-19 dashboard examples using Tableau, and created using HeathShare Health Insight, which provides data modeling, analysis, and visualization tools. They can be opened using the free Tableau Reader application. Samples-FHIR-Oximeter-Devices by Zachary Krowiak

In this exercise, you will modify an existing FHIR® server to monitor incoming FHIR data from an oximeter device, then use a front-end web application to send simulated FHIR Observation resources into InterSystems IRIS for Health<sup>™</sup> process that data.

ObjectScript Extension Pack for VS Code by John Murray

A Visual Studio Code extension pack for ObjectScript development.

IRIS-Smart-Factory-Starter-Pack by Amir Samary

An Application Starter Pack (ASP) is a code base built by an InterSystems partner using InterSystems IRIS Data Platform that shortens the time to develop a complete application that addresses a specific industry or technology challenge. It is not a completed application. Rather, it is a starter code that can be extended and customized by partners and customers to meet specific customer requirements and environments.

WebSocketwithFhir by davi massaru teixeira muta

Telemedicine chat project developed with WebSockets and FHIR API, for health professionals, allowing then consult information stored on FHIRSERVER during the conversation. iOS HealthKit to FHIR through IRIS for Health by Guillaume Rongier iOS app to export HealthKit data to IRIS (or any FHIR respository) Enhanced Monitor Manager by Jin Kim ISC Open Exchange - Code for Enhanced Monitor Manager Server Manager for VSCode by John Murray VS Code helper extension defining connections to InterSystems servers. iris-interoperability-template by Evgeny Shvarov InterSystems IRIS interoperability template: a simple interoperability application which reads data from Reddit and filters it. intersystems iris idbc driver by Evgeny Shvarov JDBC driver distribution repo DbVisualizer by Sandra Bjarevall DbVisualizer is the universal database tool for administrators, developers, and analysts. It runs on all major OSes and connects to all commercially viable database engines. maruby by Chris Munt A Ruby extension for InterSystems M/Caché/IRIS Loyalty system "Yagoda" by Vasiliy Bondar Developer of a platform for increasing repeat sales in retail and HoReCa mgphp by Chris Munt A PHP Extension for InterSystems Caché/IRIS. mago by Chris Munt A GO Extension for InterSystems Caché/IRIS. mg-dbx by Chris Munt A Node is Extension for InterSystems Caché/IRIS. The focus and rationale for this solution is high-performance NoSQL-based access to the database, though access to InterSystems SQL, Objects and Functions is also supported. apptools-util by Sergey Mikhailenko Utilities adapting for IRIS and working with modules ZPM New releases (15) apptools-admin by Sergey Mikhailenko v1.0.13 zpm moule correction add extensions v1.0.14 changed the release number v1.0.15 renamed include file v1.0.16 add modules ShowGlobals, FindAndDrawAllQueue v1.0.17 docker repair v1.0.18 fixed DockerFile v1.0.19 Add UI link in VScode menu v1.0.20 add images v1.0.23 Added the ability to run a favorite command by name node. Fix chart base growth. v1.0.21

add discription v1.0.22 add screenshots

DeepSeeWeb by Anton Gnibeda

v3.0.10

- new feature: now visibility for series in legend stored in settings and can be predefined
- added share dashboard button
- fixed issue with fullscreen widget and context menu
- fixed issue with 401 and redirect to login page
- fixed issue with black borders on a chart after canceling color settings
- fixed issue with missing real logout

IRIS import manager by Oleh Dontsov

v1.3.2

Added Vue-JS front-end, added the ability to connect to a remote database

ObjectScript Package Manager by Evgeny Shvarov

v0.2.7

Search command enhancements:

search -d - shows package description search zpm\* - shows packages with names starts with "zpm"

\$zpm function

set sc=\$zpm("install bla")

csvgen by Evgeny Shvarov v1.1.9 icon update v1.1.10 dots in columns fix. Dots are converted to "<u>"</u>

XList - for declarative and functional programming by Mirko Ozekker

v1.1.0

New function: get values as keyed array

Ingestion Speed Test by Amir Samary

v2.5.1

2.5.1 (October 13, 2020) - Adding support for Oracle on AWS

2.5.0 (September 02, 2020) - Changing ICM and IRIS version to 2020.3.0.200.0

2.4.26 (August 23, 2020) - Adding mariadb and postgres results

apptools-task by <u>Sergey Mikhailenko</u> v1.0.13 description added v1.0.14 upgrade version release v1.0.15 add icon

isc-apptools-lockdown by <u>Sergey Mikhailenko</u> v1.0.6 description added

VSCode-ObjectScript by Dmitry Maslennikov v0.9.3

- Add quickstart button to ObjectScript Explorer view when local folder is open but no objectscript.conn settings are available to it.
- Add Jump to Tag + Offset command for MACs and INTs, and make it available via click on statusbar field.
- Support server-side editing of other filetypes such as HL7, LUT.
- Output a message when proposed APIs are enabled.
- Connect FileSearchProvider to server. When VS Code is running with the --enable-proposed-api switch the QuickOpen field (Ctrl/Cmd+p) will now search connected servers for classes, routines etc.
- Fix various debugging issues.
- Fix problems with View Other.
- Drop first-line 'ROUTINE' entry from label list shown in breadcrumb and Outline panel.
- Pass path of webapp (CSP) files correctly to server-side source control class.
- Support AfterUserAction reload signal from server-side source control class.
- Prepare to coexist with upcoming language server extension.

v0.9.4

- Support folder-level settings, snippets and debug configurations for server-side (isfs) workspace folders. This feature requires a /vscode webapp using the %SYS namespace.
- Support webapp-type roots referencing a path that is an ancestor of one or more webapps that use the target namespace. For example isfs://server/?ns=%SYS&csp gives access to all %SYS webapps from a single root folder.
- Enhance Add Server Namespace to Workspace... command and quickstart button to add webapp-type roots.
- Remove requirement for namespaces to be uppercase in settings.

v1.0.1

First production release.

Update module.xml

## ClassExplorer by Nikita Savchenko

v1.21.4

Release as per https://github.com/intersystems-community/ClassExplorer/pull/27 for the package manager

### integratedml-demo-template by Thomas Dyar

v1.0.1

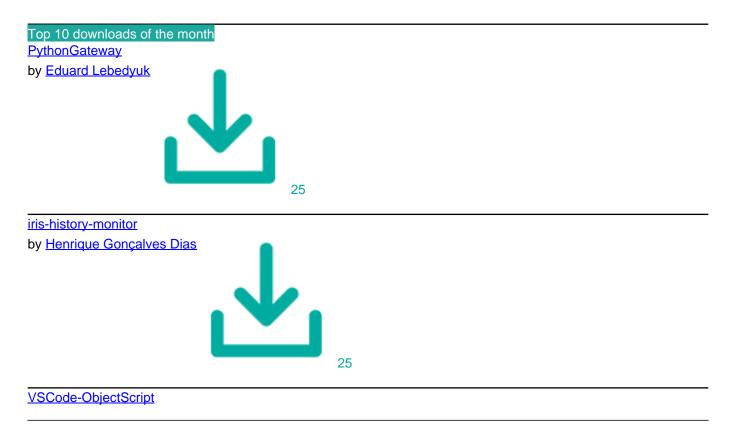
IntegratedML is now Generally Available, and IntegratedML is going to be a "standard" feature of Intersystems IRIS and IRIS for Health! See announcement here: <u>https://community.intersystems.com/post/intersystems-iris-and-iris-healt...</u>

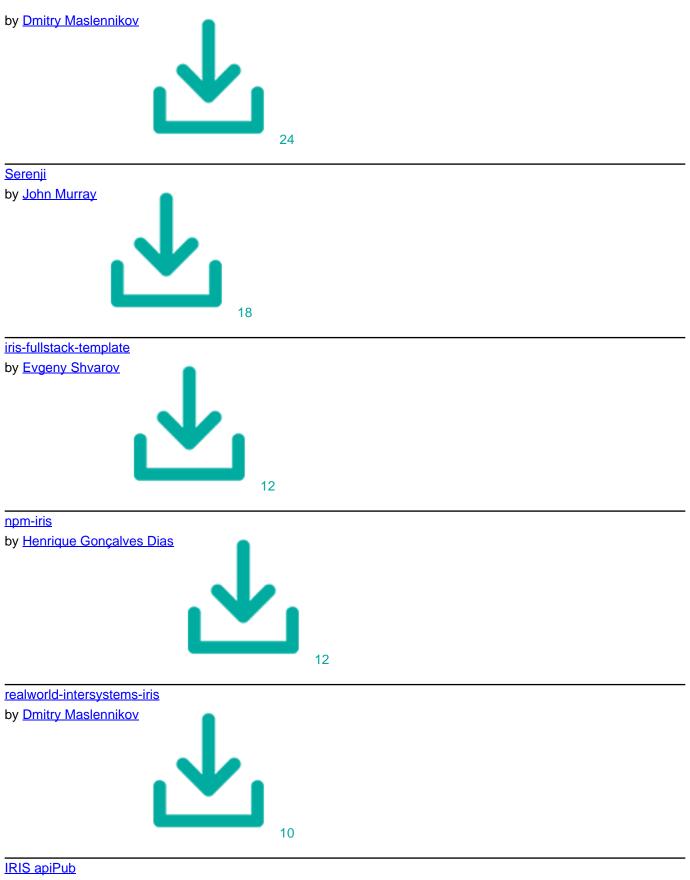
objectscript-openapi-definition by Guillaume Rongier v1.1.1 ProcedureBlock to true. Handle OpenAPI 3.0 enums v1.1.2 Update module.xml v1.1.3 Rollback on underscore changes

#### iKnow by Benjamin De Boe

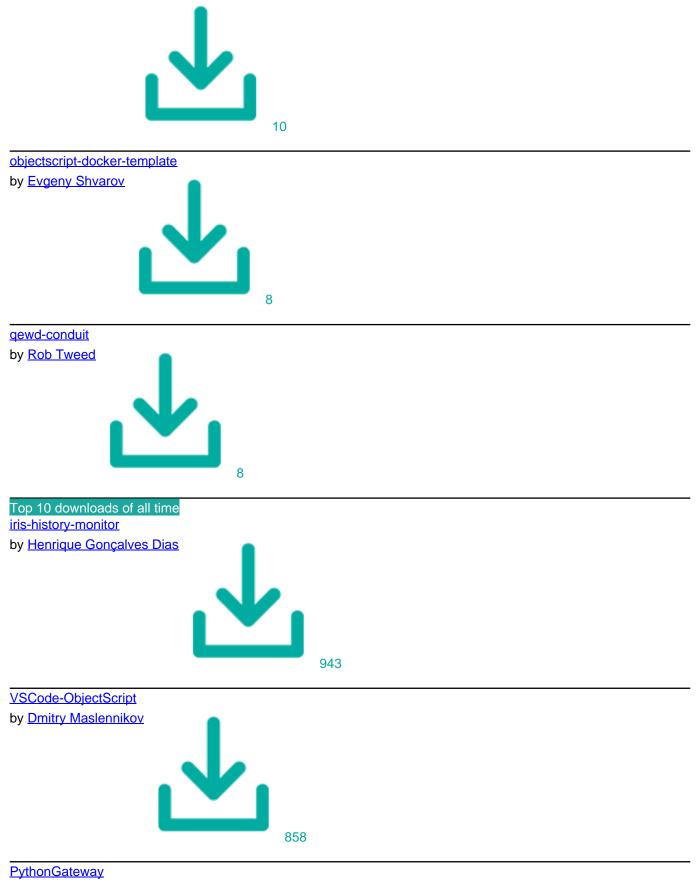
#### v1.0.0

First full release of the iKnow NLP library for Python: - Core indexing functions, identifying concepts and their context - Support for 11 languages (en, es, pt, fr, de, nl, sv, ja, ru, uk & cs) - Tuning available through the User Dictionary object - Full documentation, including sample sentences for all rules





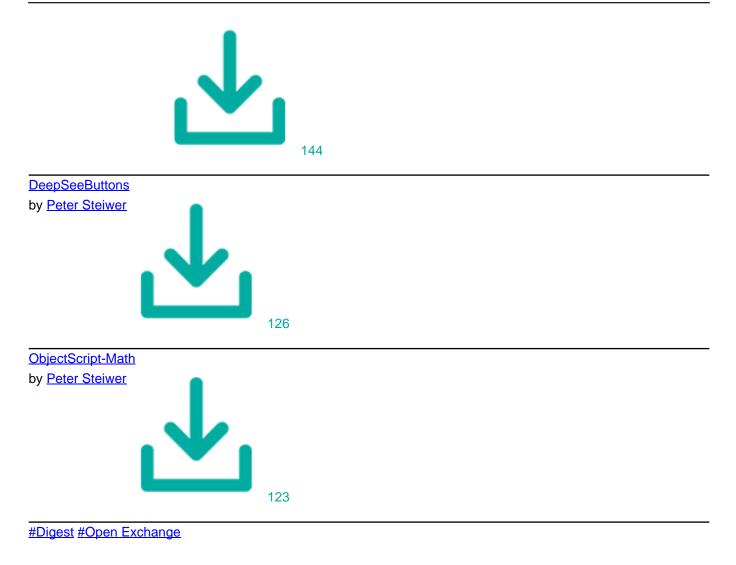
by Claudio Devecchi



by Eduard Lebedyuk



by Andreas Schneider



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