Announcement
Anastasia Dyubaylo · Nov 5, 2022

InterSystems Open Exchange Applications October 2022 Digest

Hey Developers! Here is a digest of new solutions and applications submitted to the InterSystems Open Exchange in October 2022.

General Stats:

- 14 new apps in October
- 554 downloads in October
- 700 applications all time
- 21,483 downloads all time
- 1,881 developers joined

New Applications (14)

gateway-sql by Sergey Mikhailenko

Installing jdb drivers for oracle, mssql and mysql

Perftools IO Test Suite by Pran Mukherjee

Tools to exercise and measure the IO capacity of hardware

sqlalchemy-iris by Dmitry Maslennikov

An InterSystems IRIS dialect for SQLAlchemy

GoSelector by Alexander Woodhead

See Column Selectivity Vs Ratio of Distinct Values

prodeye-mobile-app-client-side by Adel Elsayed

flutter mobile app client to work with prodeye server side.

node-red-contrib-iris by Philipp Bonin

InterSystems IRIS integration for Node-RED

iris-dollar-list by Guillaume Rongier

Interpretor of $list for python

zpip by Nicholai Mitchko

Python pip extension for InterSystems Products

Lens The Kubernetes Platform by Edward Ionel

Lens - The way the world runs Kubernetes

prodeye-server-side by Adel Elsayed

ProdEye Server Side : an object script package that monitors productions on a server and avails it for prodeye mobile app client

gateway-mysql-connector-java-8-0-21-jar by Sergey Mikhailenko

import instance %Library.SQLConnection, mysql-connector-java

NiPaRobotica by Paul Hula

Interfacing any Pharmacy with any Pharmacy Device

iko-01-basic-iris-cluster by Mikhail Khomenko

This repository is the first part of code samples repositories intended to provide examples of InterSystems Kubernetes Operator (IKO) usage.

IMO Core - precise problem terminology by Dirk Kleppe

IMO Core is your Clinical Interface Terminology

New Releases (39)

ObjectScript Package Manager by Evgeny Shvarov

v0.4.0

- support for deployed packages, installation, and publishing
- support for multiple registry servers, e.g. public community registry, private corporate, and so on
- expanded limit for the length of arguments in Invoke
- the ability to show all versions and package origin in search
- fixed issue for packages with preload code

v0.5.0

- Support for requirements.txt to use and deploy python's modules
- Tokens for packages publishing support
- Fixed various issues

Learn more in the [release notes](#)

[Sea Battle](#) *by* [Evgeny Shvarov](#)
v1.1.1
Embedded python version introduced
v1.1.2
Full Embedded Python support! call USER>d ##class(eshvarov.sample.SeaBattle.GamePython).Run()

For Python

[iris-rest-api-template](#) *by* [Evgeny Shvarov](#)
v1.1.2
Bugfix and clean up

[apptools-admin](#) *by* [Sergey Mikhailenko](#)
v1.1.22
upd gataway link
v1.1.24
added support jdbc gateway export/import module
v1.1.25
fixed jdbc module
v1.1.26
fixed GetListModules

[interoperability-embedded-python](#) *by* [Guillaume Rongier](#)
v1.7.3

- add iris $list serializer/deserializer

v1.7.4

- fix missing function

v1.7.5

- Make utils abstract

v1.7.6

- bypass version check

v1.7.7

- fix source path for last version of zpm

v1.7.8

- fix serializer python $list

[DeepSeeWeb](#) *by* [Anton Gnibeda](#)

v3.1.42

- fixed issue with multiple click filter

v3.1.43

- prevent drilling on chart widgets if the widget has click filter

v3.1.44

- fixed issue with reset click filter button on charts

v3.1.45

- fixed issue with pie chart and "children" in "tuples" response from mdx2json

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[Git for Shared Development Environments](#) *by* [Timothy Leavitt](#)

v2.0.4
Fixed: * Handle UTF-8 characters in git commit messages

[isc-rest](#) *by* [Timothy Leavitt](#)

v1.2.1
Fixed * APPS-15075: Generating OpenAPI doc produces deterministic results * APPS-13794: OpenAPI generated properly for query/path action parameters * APPS-13849: OpenAPI doc includes query filter * APPS-13664: %Dictionary.Classname is treated as string instead of object * Unsupported actions are always omitted from OpenAPI generation

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[DbVisualizer](#) *by* [Sandra Bjarevall](#)

v14.0.0
New Features
Connection Setup -Support to share a SSH configuration for multiple database connections Added support for Cassandra Added support for Google BigQuery Added support for Microsoft Access Added support for SingleStore

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Improvements

@import - Add the format="xxx" argument for @import

Connection Setup - Automatically reconnect when connection is lost

Connection Setup Security - SSH tunnels can now be used in DbVisualizer Free

DB Support: Azure SQL - Add support to view, create, drop, and change password for users

DB Support: Azure SQL - Introduce a "constraints" sub node to show primary, foreign keys, and referenced tables

DB Support: SQL Server - Introduce a "constraints" sub node to show primary, foreign keys, and referenced tables

DB Support: Greenplum - Add support for killing sessions

DB Support: PostgreSQL - Add support for killing sessions

DB Support: Redshift - Add support for killing sessions

DB Support: SQL Server - Add support for killing sessions

DB Support: Yellowbrick - Add support for killing sessions

DB Support: H2 - Add support for H2 version 2.x

DB Support: PostgreSQL - Support generating comment statements for triggers Add support for generated columns in PostgreSQL Create/Alter

DB Support: SQL Server - Add support for create, modify, and drop of users and logins

Data tab - Having a where filter in the Data tab should show a different icon

Driver Manager - Used By column in the driver manager should when clicked show a list of database connections Add "Reset Driver" command in driver manager

Export - Restrict formatting of numbers for SQL exports Support exporting in TXT also for @export, Export Table and Export Schema

File Chooser - The choice of "list" or "details" in file choosers should be preserved between DbVisualizer sessions

OS Support: Windows - The choice of "list" or "details" in file choosers should be preserved between DbVisualizer sessions

Filtering/Filter Sets - Make it possible for table filters to be removed after a certain time

General - Make progress windows larger Change icon for "duplicate" (yellow start) to the standard "copy" icon Add icon to external web links to highlight that a browser will be opened

Grid Component - Add option to show images in binary type columns in grid Add "Extract Filter & Sort as SELECT" action in Data tab. Used to copy the SELECT statement in Data tab including any grid column filters and sorting

Import - When Batch Import, commit at every executed batch Make it easy setting data type for the multiple columns during import to new table Make "Batch Import" default

Java 17 - Bundle Java 17 with installers Support the ed25519 algorithm for SSH

OS Support: Windows - Remove support for Windows 32-bit

OS Support: macOS - The DbVisualizer window title bar background should follow General /Appearance setting in macOS System Preferences

SQL Commander - Add "@ command ignore/resume" to ignore/resume executing any client-side commands Add the "@ stop now" client-side command used to stop the execution of the script

SQL History - Make "Search Full Script" default in SQL History

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[zapm](#) *by* [Sergey Mikhailenko](#)

v1.0.35
fixed GetListModules
v1.0.36
fixed quality code upd readme
v1.0.37
fix code

[iris-fhir-portal](#) *by* [Henrique Gonçalves Dias](#)

v1.0.9
Fixed image version Thank you @ Robert Cemper ;)

[Config-API](#) *by* [Lorenzo Scalese](#)

v1.4.0

- Add REST Api for Security package.

v1.4.1

- Add %Admin_secure resource setting for the web application.

[Open API Client Gen](#) *by* [Lorenzo Scalese](#)

v1.4.3

- Fix a method generator issue with simple HTTP client.

v1.4.4

- Minor fix (content-type was not correctly detected)

[objectscript-docker-template](#) *by* [Evgeny Shvarov](#)

v1.1.0

Embedded Python support is introduced: env variables and Callin Service on.

[intersystems-iris-dev-template](#) *by* [Evgeny Shvarov](#)

v1.3.0

Embedded python support is introduced

[iris-embedded-python-template](#) *by* [Evgeny Shvarov](#)

v2.0.0

A few demo calls IRIS from Python are introduced in /python/irisapp.py

v2.0.1

Module version bump

[Wsock-Embedded-Py](#) *by* [Robert Cemper](#)

v0.1.2

fix missing Docker host IP address forl local echo server

[Using-ZPM-for-Node.js](#) *by* [Robert Cemper](#)

v0.0.4

adjust the public echo server

[WebTerminal](#) *by* [Nikita Savchenko](#)

v2022.1.0

New release for ZPM

v2022.1.1

New release for ZPM

v2022.1.2

ZPM version publish

Top 10 Applications in October
[VSCode-ObjectScript](#)
by [Dmitry Maslennikov](#)

82

[ObjectScript Package Manager](#)
by [Evgeny Shvarov](#)

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DBeaver
by Serge Rider

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interoperability-embedded-python
by Guillaume Rongier

14

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iris-python-apps
by Muhammad Waseem

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iris-rest-api-template
by Evgeny Shvarov

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DeepSeeWeb
by Anton Gnibeda

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[AnalyzeThis](#)
by [Peter Steiwer](#)

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[iris-embedded-python-template](#)
by [Evgeny Shvarov](#)

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[iris-fhir-template](#)
by [Evgeny Shvarov](#)

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Top 10 Applications All Time
[VSCode-ObjectScript](#)
by [Dmitry Maslennikov](#)

2,493

[PythonGateway](#)
by [Eduard Lebedyuk](#)

1,332

iris-history-monitor
by Henrique Gonçalves Dias

1,155

ObjectScript Package Manager
by Evgeny Shvarov

500

Serenji
by John Murray

431

WebTerminal
by Nikita Savchenko

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AnalyzeThis
by Peter Steiwer

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[Caché Monitor](#)
by [Andreas Schneider](#)

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[DeepSeeButtons](#)
by [Peter Steiwer](#)

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[iris-rest-api-template](#)
by [Evgeny Shvarov](#)

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

Source
URL:https://community.intersystems.com/post/intersystems-open-exchange-applications-october-2022-digest