

Announcement

[Anastasia Dyubaylo](#) · Aug 1, 2020

InterSystems Open Exchange July 2020 Digest

Hey Developers!

Here is a digest of new solutions and applications submitted to the InterSystems Open Exchange in July 2020.

General stats:

299 published applications

435 downloads in July

653 developers joined

New applications (37)

[SAPPHIRE](#) by [YURI MARX PEREIRA GOMES](#)

SAPPHIRE is an web application to create and train your InterSystems IntegratedML models. You can load CSV data too. It is business user friendly.

[iris-integratedml-monitor-example](#) by [José Roberto Pereira Jr](#)

Example on extending %Monitor.Adaptor to monitor IRIS IntegrateML models performance metrics.

[iris-ml-suite](#) by [Renato Banzai](#)

A suite to use IRIS as Machine Learning Environment. Helping the development community to classify the posts with tags.

[ESKLP](#) by [Aleksandr Kalinin](#)

Application demonstrates using Python and InterSystems IRIS to resolve linear regression in task of checking similarity of two text strings

[ML Made Easy : IntegratedML](#) by [Aleksandar Kovacevic](#)

A guide through the IntegratedML used as a hands-on session on InterSystems DACH PartnerTag 2020. It is based on work of Derek Robinson and documentation of InterSystems.

[Light weight EXCEL download](#) by [Robert Cemper](#)

Create a table in CSP and store it locally for EXCEL

[pex-demo](#) by [Eduard Lebedyuk](#)

Demo showcasing InterSystems IRIS integration with Kafka via PEX (java, .net)

[fast JSON formatting for Cache](#) by [Robert Cemper](#)

fast JSON formatting for Caché / Ensemble

[Simple remote server control](#) by [Robert Cemper](#)

Simple Server Communication over TCP/IP

[Full OBJ Dump](#) by [Robert Cemper](#)

Extended object dump example

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

Basic template for IRIS Analytics solutions

[Zpipe](#) by [Robert Cemper](#)

Example of using CPIPE programatically

[Organize ZLANG](#) by [Robert Cemper](#)

Clean-up your %ZLANG*00

[InterJob communication Demo](#) by [Robert Cemper](#)

Demo of IJC

[zpmshow](#) by [Robert Cemper](#)

Helper to List, Install, Uninstall ZPM packages

[objectscript-errors](#) by [Evgeny Shvarov](#)

Example class which reproduces typical ObjectScript errors

[Terminal Multi-Line Command Editor](#) by [Robert Cemper](#)

Terminal Multi-Line Input + Editor

[SUDOKU Demo in Spanish](#) by [Robert Cemper](#)

Sudoku demo in Spanish

[SUDOKU Demo](#) by [Robert Cemper](#)

A demo in traditional style COS

[ZPretty / ISJSON](#) by [Robert Cemper](#)

Wrap JSON to multi lines / Test ISJSON

[SPOOL-demo](#) by [Robert Cemper](#)

Demo Code using SPOOL

[IRIS-NativeAPI Node.js compact](#) by [Robert Cemper](#)

an all-in-1 package of the WebSocket MicroService Demo

[fast JSON formatting in IRIS](#) by [Robert Cemper](#)

fast JSON formatting in IRIS

[snapshot to JSON](#) by [Robert Cemper](#)

Use %JSON.Adaptor for object snapshot

[DotEnv](#) by [Rubens Silva](#)

Load environment variables from .dotenv files or straight from the OS to Caché

[SQL for ^ERRORS Global](#) by [Robert Cemper](#)

Map ^ERRORS Global and have a custom query for full content

[WebSocketClient.js](#) by [Robert Cemper](#)

WebSocket Client in Node.js

[WebSocketIRIS.js](#) by [Robert Cemper](#)

WebSocketClient.js for IRIS Native API

[IRIS Docker micro Durability](#) by [Robert Cemper](#)

allow small durability for demo and development

[Sync Data with DSTIME](#) by [Robert Cemper](#)

Synchronizing your data to some external DB

[SPOOL mapping](#) by [Robert Cemper](#)

Presenting ^SPOOL as Class / Table

[function ISJSON](#) by [Robert Cemper](#)

A function to check if string is JSON object

[The adopted Bitmap](#) by [Robert Cemper](#)

How to enable Bitmaps for nonstandard IDs

[Background Jobs over ECP](#) by [Robert Cemper](#)

start background job on connected ECP server

[WebSocketClient CSP based](#) by [Robert Cemper](#)

Extended CSP page consuming WebService as Client

[IRIS EchoServer for WebSockets](#) by [Robert Cemper](#)

WebSocket Echo Server for IRIS as known from Caché / Ensemble

[IRIS internal WebSocket Client](#) by [Robert Cemper](#)

Using %Net.WebSocket feature available in IRIS

[New releases \(114\)](#)

[ClassExplorer](#) by [Nikita Savchenko](#)

v2020.1 Make it published from GitHub via ZPM

[NavMethodsForIndexedProperties](#) by [Vasiliy Bondar](#)

v1.0.1 - Rename zpm name package.

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

v1.0.2 - Drafts

[Terminal Multi-Line Command Editor](#) by [Robert Cemper](#)

v1.0.2 retry publish in ZPM, v1.0.3 fix module.xml , v1.0.4 add Support warning, v1.0.5 update version for ZPM,

v1.0.6 added image

[RestFormsUI2](#) by [Anton Gnibeda](#)

v0.9.1 * added BaseEditor component * refactored validation - moved to separate service * added array component with objects/strings support * added validation for object arrays * added reordering for arrays * added support for list fields * added "navigate to" buttons for object fields and objects in arrays * added initial support for modals * added object selector component * added support for %jsonreference="ID" on some fields * fixed issue with data loading for forms with many depended fields * fixed issue with dropdown overflow at the end of the lists, v0.9.2 added missing files to dist, v1.0.0 * fixed scroll issue with error messages * added multiline errors support * added modal confirmation for deletion * added modal message after saving * added multiple columns support for lists * added support for time and posix time fields * optimized form loading and data processing * fixed issue with spinner overlap * now window scrolls to first validation error when user press "save" button * now errors shown narrow and multiline * added validation for arrays * added support for int type in arrays * fixed issue with big integer numbers * fixed issue with slashes in ID

[iris-integratedml-monitor-example](#) by [José Roberto Pereira Jr](#)

v1.0.0 Initial Release, v1.0.1 Several project updates, v1.0.2 Notebook update and link to it on documentation, v1.0.3 Methods refactoring; Changing query to get latest validation for each model; Updating documentation, v1.0.4 Final release for contest., v1.0.5 Final version

[posts-and-tags-dataset](#) by [Semen Makarov](#)

v1.0.1 Comments were added to dataset, v1.0.2 Classnames were changed for csvgen compatibility

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

v1.0.0 Initial Release

[iris-ml-suite](#) by [Renato Banzai](#)

v1.0.0 Initial Release, v1.0.1 Improving readme and uploading the predictor. URL Demo to show the model working., v1.0.2 IntegratedML Prediction, v1.0.3 Fixed IntegratedML, v1.0.4 Youtube video, v1.0.5 Port correction for python

[ESKLP](#) by [Aleksandr Kalinin](#)

v1.0.0 Initial Release, v1.0.1 Added web-example for description

[SAPPHIRE](#) by [YURI MARX PEREIRA GOMES](#)

v1.0.0 Initial Release, v1.0.1 YouTube video and fixes to the model creation

[csvgen](#) by [Evgeny Shvarov](#)

v1.1.6 files with less than 5 lines fix

[WebSocketClient.js](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image

[WebSocketIRIS.js](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image

[WebSocket Client JS with IRIS Native API as Docker Micro Server](#) by [Robert Cemper](#)

v1.0.4 add Support warning, v1.0.5 add logo

[Terminal Multi-Line Option](#) by [Robert Cemper](#)

v1.0.4 add Support warning, v1.0.5 add image

[pex-demo](#) by [Eduard Lebedyuk](#)

v1.0.0 Initial Release

[ML Made Easy : IntegratedML](#) by [Aleksandar Kovacevic](#)

v1.0.0 Initial Release

[SUDOKU Demo in Spanish](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.2 fix name for ZPM, v1.0.4 ZPM fix case mismatch: sudoku5es -> SUDOKU5es, v1.0.5 add image

[SUDOKU Demo](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 case mismatch in ZPM, v1.0.2 add image

[ZPretty / ISJSON](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 fix ZPM load, v1.0.2 add image

[Zpipe](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add ZPM, v1.0.2 ZPM version fixed, v1.0.3 still mismatch in ZPM, v1.0.4 ZPM version problem, v1.0.5 add image

[IRIS Docker micro Durability](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add logo

[Organize ZLANG](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 typo ZPM, v1.0.2 add image

[Light weight EXCEL download](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image

[Sync Data with DSTIME](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add missing class to ZPM, v1.0.2 add image

[SPOOL-demo](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image

[IRIS-NativeAPI Node.js compact](#) by [Robert Cemper](#)

v1.0.3 Initial Release, v1.0.4 add image

[fast JSON formatting in IRIS](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 ZPM added, v1.0.2 image added, v1.0.3 update package name, v1.0.4 ZPM package update

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

v0.2.4 1. fix bugs, including #104 2. ` - new tag in modul.xml to specify required IRIS version and production

enabled for a module `; v0.2.5 Now .DFI resources in xml format supported.

[fast JSON formatting for Cache](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 fix name conflict in ZPM, v1.0.2 shorter package in ZPM, v1.0.5 fix package name in

ZPM, v1.0.6 fix ZPM package name

[function ISJSON](#) by [Robert Cemper](#)

v1.0.1 Initial Release, v1.0.2 remove ZPretty.mac from ZPM package, v1.0.3 add logo

[snapshot to JSON](#) by [Robert Cemper](#)

v1.0.1 Initial Release, v1.0.2 add logo

[The adopted Bitmap](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 fix class reference in demo, v1.0.2 fix missing } in Address.cls, v1.0.3 add image

[InterJob communication Demo](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add logo

[Background Jobs over ECP](#) by [Robert Cemper](#)

v1.0.1 Initial Release, v1.0.2 image added

[Simple remote server control](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image, v1.0.2 change conflicting package Z => Zrcc

[Full OBJ Dump](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 conflicting package name in ZPM, v1.0.5 fix in module.xml

[WebSocketClient CSP based](#) by [Robert Cemper](#)

v1.0.1 add image, fix Clss- definition

[SPOOL mapping](#) by [Robert Cemper](#)

v1.0.1 add image

[zpmshow](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 typo in ROUTINE name

[SQL for ^ERRORS Global](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 typo in ZPM

[DotEnv](#) by [Rubens Silva](#)

v1.0.0 Initial Release

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

v1.0.8 Get rid of irissession.sh. Dockerfile simplified. iris.script is introduced

[IRIS EchoServer for WebSockets](#) by [Robert Cemper](#)

v1.0.0 Initial Release, v1.0.1 add image, review module.xml for XSLT issue

[objectscript-errors](#) by [Evgeny Shvarov](#)

v1.0.0 Initial Release

[IRIS internal WebSocket Client](#) by [Robert Cemper](#)

v1.0.0 Initial Release

[Top 10 downloads of the month](#)

[iris-history-monitor](#)

by [Henrique Gonçalves Dias](#)



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[VSCode-ObjectScript](#)

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[Serenji](#)

by [John Murray](#)



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[PythonGateway](#)

by [Eduard Lebedyuk](#)



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[ObjectScript Package Manager](#)

by [Evgeny Shvarov](#)



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[SAPPHIRE](#)

by [YURI MARX PEREIRA GOMES](#)



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[integratedml-demo-template](#)

by [Thomas Dyar](#)



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[GitHubAPI](#)

by [Eduard Lebedyuk](#)



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[iris-integratedml-monitor-example](#)

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