

Announcement

[Evgeny Shvarov](#) · Jun 3, 2020

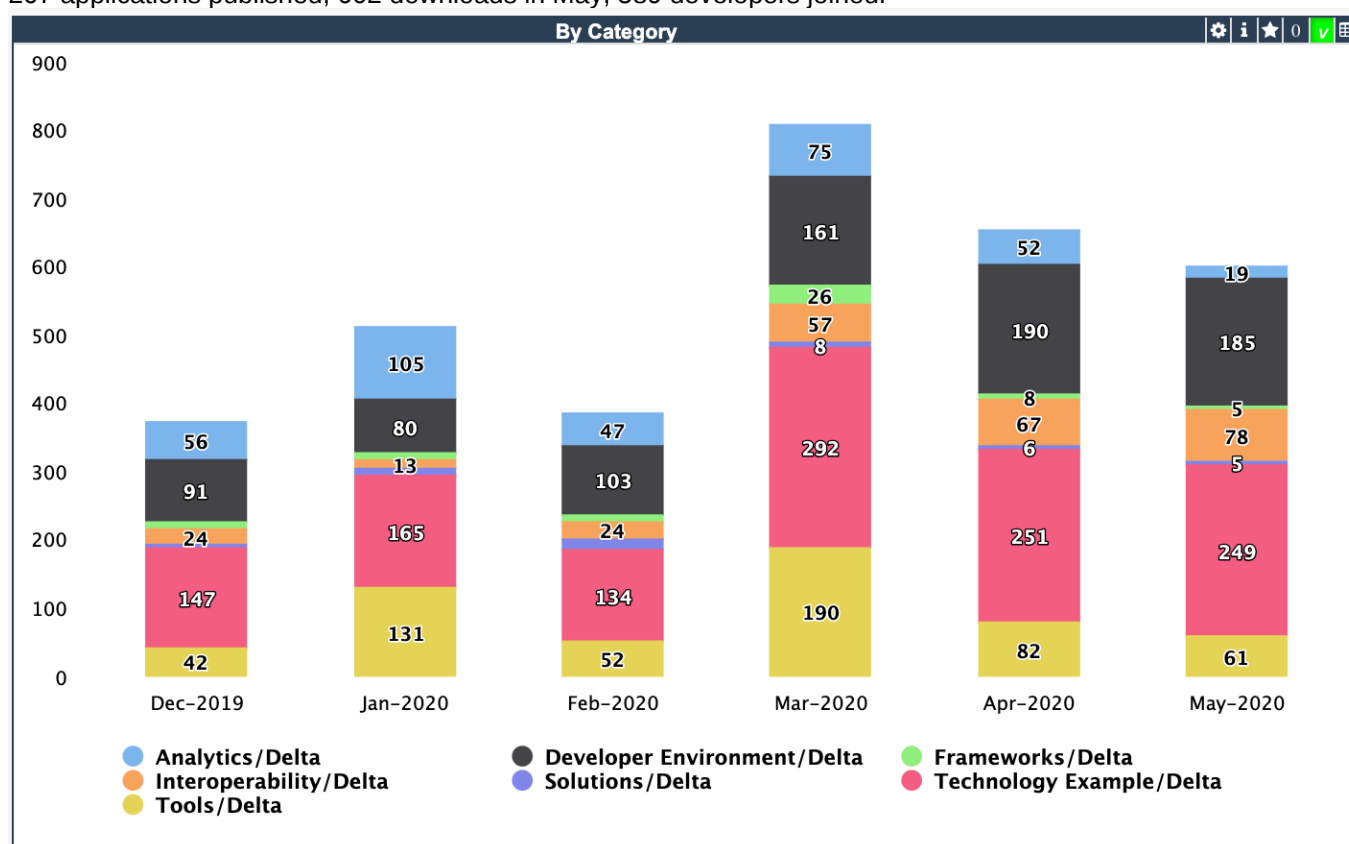
InterSystems Open Exchange May 2020 Digest

Hi Developers!

This is the digest of new solutions and applications submitted to InterSystems [OpenExchange](#) in May 2020!

General stats:

267 applications published, 602 downloads in May, 589 developers joined.



16 New applications in May 2020

See the details below

[native-api-contest-template](#) by [Robert Kuszewski](#)

Template to get participants in the InterSystems Native API programming contest started

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

A suite of tools to use the IRIS Native API in Python + some examples of use.

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

module to generate and import CSV data using InterSystems ObjectScript

[ObjectScript Kernel](#) by [Nikita Mullin](#)

Execute ObjectScript in Jupyter Notebook

[sys-perf-restapi](#) by [Tani Frankel](#)

An API (basic and REST) for the SystemPerformance (pka pButtons) utility

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

Docker based Micro Server as WebSocket Client

[IRIS External Table](#) by [Anton Umnikov](#)

IRIS External Table allows you to access files in the local filesystem and cloud BLOB storage such as AWS S3 and Azure BLOB Storage as regular IRIS SQL tables.

[IRIS-NativeAPI-Nodejs-compact](#) by [Robert Cemper](#)

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

[MongoDB to IRIS migration](#) by [Oleh Dontsov](#)

Using this application, you can transfer data from the MongoDB collections to the IRIS globals.

[CRUD-GLOBALS-IRISNATIVEAPI-JAVA](#) by [Muni Ganesh](#)

CRUD operation & Search on globals using IRIS Native for Java.

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

allow small durability for demo and development

[CacheDirectEmulator for InterSystems IRIS Data Platform](#) by [Hiroshi Sato](#)

.Net class mimics Cache Direct(Aka VisM.OCX) interfaces

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

Example of Asymmetric RSA encryption on JS side with InterSystems IRIS decryption

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

What you shouldn't do in objectscript

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

PythonGateway Template repository

[IRISGlobalsNative.Extensions](#) by [Mark Erwin Villarina](#)

Library for Class-based Collection for Globals and Json Provider for Globals.

[OData Server for IRIS](#) by [YURI MARX PEREIRA GOMES](#)

OData Server for InterSystems IRIS SQL Repositories

[Performance comparison of IRIS Native API and EAV-approach](#) by [Sergey Kamenev](#)

Performance comparison of IRIS Native Globals API and EAV-model (MySQL backend) on demo data (internet store). The browser view and CLI script available.

Releases in May

[DeepSeeWeb](#) v2.1.51 by [Anton Gnibeda](#)

added formatting support for text widget

* added support for "?theme" query param * added a fullscreen button for widgets

fixed treemap hover issue

changed bubble size calculation algorithm and min/max sizes

[delete-helper](#) v2020.1 by [Tani Frankel](#)

Support for IRIS; CLS format; ZPM Support

[Serenji](#) v3.1.1 by [John Murray](#)

* Improve Explorer performance.

[objectscript-package-example](#) v1.0.1 by [Evgeny Shvarov](#)

Unit tests were introduced

[interfaces-diskspace-validation](#) v2020.1 by [Tani Frankel](#)

Supports InterSystems IRIS and ZPM; New Generic UnitTest

[covid-19 analytics](#) v1.0.3 by [Evgeny Shvarov](#)

Added a [Bubble Chart](<http://34.77.54.254:52773/dsw/index.html#!/d/Covid19/bubble%20chart.dash...>) for Top-10 Confirmed-Recovered-Deaths

[sys-perf-restapi](#) v1.0.5 by [Tani Frankel](#)

Fixed Module Web App Path

Updated Module.xml to address Authentication issue in UI Web App.

[zpm-registry](#) v1.0.5 by [Evgeny Shvarov](#)

The ["update same version"](<https://github.com/intersystems-community/zpm/issues/102>) bug is [fixed](<https://github.com/intersystems-community/zpm-registry/pull/15>)

[EnsembleWorkflow](#) v2.0 by [Eduard Lebedyuk](#)

zpm support

[EnsembleWorkflowUI](#) v2017.2.1 by [Sergey Sarkisyan](#)

* Added ZPM support

[IRIS External Table](#) v1.0.1 by [Anton Umnikov](#)

Switch to AWS V4 signature, JSON, Quoted CSV support, ORDER BY, SELECT TOP fixes.

[csvgen](#) v1.1.3 by [Evgeny Shvarov](#)

Bugfix with row types

Row types parameter is introduced

Fixed bug in datatypes determination

Guess on datatypes feature is introduced.

[BridgeWorks VDM](#) v9.1.5 by [Tony Coffman](#)

Bug Fixes Fixed an issue where variable parameters were not processed correctly from Web Reports Fixed an issue where the Auto Complete Option in Advanced Query did not update the OPTIONS file The Advanced Query tab is no longer selected on open when Advanced Query is enabled

Top downloads in May 2020:

[iris-history-monitor](#) by [Henrique Gonçalves Dias](#), 123

[VSCode-ObjectScript](#) by [Dmitry Maslennikov](#), 94

[PythonGateway](#) by [Eduard Lebedyuk](#), 62

[Serenji](#) by [John Murray](#), 49

[native-api-contest-template](#) by [Robert Kuszewski](#), 19

[ObjectScript Package Manager](#) by [Evgeny Shvarov](#), 14

[csvgen](#) by [Evgeny Shvarov](#), 9

[sys-perf-restapi](#) by [Tani Frankel](#), 8

[WebSocket Client JS with IRIS Native API as Docker Micro Server](#) by [Robert Cemper](#), 8

[iris-python-suite](#) by [Renato Banzai](#), 8

Top Downloads for all times:

[iris-history-monitor](#) by [Henrique Gonçalves Dias](#), 717

[VSCode-ObjectScript](#) by [Dmitry Maslennikov](#), 662

[PythonGateway](#) by [Eduard Lebedyuk](#), 411

[Serenji](#) by [John Murray](#), 182

[AnalyzeThis](#) by [Peter Steiwer](#), 170

[WebTerminal](#) by [Nikita Savchenko](#), 152

[Caché Monitor](#) by [Andreas Schneider](#), 126

[DeepSeeButtons](#) by [Peter Steiwer](#), 118

[ObjectScript-Math](#) by [Peter Steiwer](#), 117

[ObjectScript Package Manager](#) by [Evgeny Shvarov](#), 113

Don't forget to vote for the best app on [Open Exchange Contest!](#)

Stay tuned!

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

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