Announcement Anastasia Dyubaylo · Apr 1, 2021

InterSystems Open Exchange March 2021 Digest

Hi Community! Here is a digest of new solutions and applications submitted to the InterSystems Open Exchange in March 2021.

General stats: 9 new apps 431 published apps in total 650 downloads in March 1102 developers joined

New applications (9) **IO-Redirect** by Lorenzo Scalese IO Redirect in ObjectScript **RESTFormsRAD** by Henrique Goncalves Dias Forms adapter for InterSystems IRIS RAD Studio CrossECP-Cache by Robert Cemper Caché ECP Server in Docker mgpython by Chris Munt A Python Extension for InterSystems Caché/IRIS. IRIS-easy-ECP-workbench by Robert Cemper Fast setup of ECP client / sever with almost no manual intervention. CrossECP-IRIS by Robert Cemper IRIS ECP Client in Docker to use Caché ECP Server apptools-smarthome by Sergey Mikhailenko Template and examples for creating a user interface for a smart home iam-zero-to-hero by Guillaume Rongier Self training for IAM (InterSystems API Manager). apptools-infochest by Sergey Mikhailenko Template and examples for creating a user interface for a media file storage New releases (91) FOREACH for ObjectScript by Robert Cemper v0.0.3

Sergey M added Description to module.xml

<u>DeepSeeWeb</u> by <u>Anton Gnibeda</u> v3.1.0

- introduced new addon system. use ./src/addons/simple-addon.component.ts as reference. Do not compile old addons - they won't work. Now there is no need to compile DSW with addon. Addon can be used in different build of DSW.
- added addon versioning support, checks and warning if inappropriate addon version loaded in DSW
- added detailed addons documentation Addons.md
- added detailed addon example code with comments
- now addon builder produces correct and same names for addon files my-addon.ts > my-addon.js

(previously, Angular CLI creates addon-0, addon-1, etc.)

- now, after addition of new services to base widget class, there is no need to recompile and redeploy all addons
- updated to Angular 11.2.3

v3.1.1

- changed folder for built addons to dist-addons
- now all built addons are included in distribution undef addons folder
- WoldMap and HtmlViewer now separated from build and bundled as addons
- updated addons documentation(added section about local testing, added portlet information)
- added highcharts missing modules for addons
- fixed issue with widget type comparison for addons

v3.1.2

- temporary disabled buildOptimizer to be able load addons on production releases
- added error logging for missing modules during addon loading

v3.1.3

• fixed parallel addons loading issue

v3.1.4

- added support for "horizontalControls"/"verticalControls" widgets
- added icon for PWA for Android/IOS
- fixed issue with "Show Zero" button (#171)
- improved meter widget (#166):
 - added support for multiple meters
 - added display of labels
 - added display of threshold
 - added display of target value
 - fixed issue with values in range 0..1
- fixed issues with date interval filters (#167)
- fixed issues with dimension details (#172)
- removed '-' character from addons (#174)

v3.1.5

- fixed polygon filename issue while loading polygons
- polygon in js format supported

v3.1.6

• added missing main.js to dist

v3.1.7

• fixed polygon loading issue

v3.1.8

- fixed issue with settings loading and DefaultApp
- fixed styling issue with "Reset click filter" and "Back button"

v3.1.9

• fixed issue with data values as empty string

v3.1.10

• added missing files to dist

v3.1.11

- fixed combo chart display issue
- added support for min/max values for combo chart percentage axis
- added support axis types for combo chart
- fixed issue with percentage axis labels rounding(eg. 52.33333333%)

vscode-intersystems-iris by Dmitry Maslennikov v0.1.1

- Windows x64 and macOS versions available
- Example of code on Rust

apptools-admin by Sergey Mikhailenko

v1.1.4

Added the platform for the rapid creation of a prototype of any solution. For example, Photo Album, Music Player, and Personal Books Library all come together in a user-friendly treasure chest design.

v1.1.5 Added favotite link v1.1.6 update description v1.1.7 update description v1.1.8 fixed mistake v1.1.9 added permiss project

fhir-terminology-service by Dmitry Zasypkin

v1.0.4

Fixed bug with incorrect handling of input parameters when operations were invoked via HTTP POST. v1.0.5 Updated version in module.xml <u>Create a unified hospital data extraction scheme based on IRIS for Health</u> by <u>Deming Xu</u> v1.0.4 Update .png files and Description

iris-for-money by Oliver Wilms

v0.0.4 Added a Unit Test v0.0.5 Added data model API for Riches.Category class v0.0.6 Enhanced the Account.csp to allow selecting a table to import data into v0.0.7 Added automated sizing for iframe v1.0.2 Implemented proper security for /restapi Web Application to run Unauthenticated. Achieve successful import from Account.csp page into three tables, Category, Merchant and Transact

zapm by Sergey Mikhailenko v1.0.11 added command extension repo v1.0.12 Added command: upgrade Update the versions of modules installed in the current namespace. v1.0.13 updated module v1.0.14 cmd -init Reload all commands. Run do ##class(%ZAPM.ext.zapp).init()

hist Alias: ?? Show all history.

hist Show all history including context.

hist - Show all history including context. Sorting by date

hist + Show all history including context. Reverse sorting by date

hist -del Number<u>d</u>ay Delete all history older than the number of days.

hist -add Numberhist Added history in list for non-removable.

hist -add Numberhist [namecmd] [a/i/n] description Added history in list commans.

v1.0.15

Added command: upg Update the versions of modules installed in the current namespace.

info Show more complete information about modules in the current namespace. info -m module Show file module.xml. info -f module List file in repository. info -r module Show file readme.md. v1.0.16

Added preload.

Added command:

upg

Update the versions of modules installed in the current namespace.

info

Show more complete information about modules in the current namespace. info -m module Show file module.xml. info -f module List file in repository. info -r module Show file readme.md.

v1.0.17 Added preload.

added support editors

iris-rad-studio by Henrique Gonçalves Dias
v1.0.2
. Article's link . Class Creator - Create persistent classes for your projects with a simple wizard.
v1.0.3
Youtube video with a brief explanation of a new feature in IRIS RAD Studio
v1.0.4
added module.xml with zpm support
v1.0.5
module bump + fixed ModuleReferences
v1.0.6
DSW version fix, module bump, removed AnalyzeThis from repo and added as ModuleReference in module.xml
v1.0.7
module bump to release fix menu
v1.0.8
Create class workaround
v1.0.9
module.xml bump
v1.1.0
code clean up for better use of ZPM

updated description v1.1.6 added permiss project

iris-cron-task by Evgeny Shvarov

v1.1.0
support for http://www.cronmaker.com syntax is introduced by Lorenzo Skalese
v1.1.1
A method Start now supports arbitrary cron expressions too. The task name parameter is introduced to the Start
method

posts-and-tags-dataset by Semen Makarov v1.0.3 ZPM module was added v1.0.4 Adjust /

objectscript-openapi-definition by Guillaume Rongier v1.1.7 Management of "-" and "<u></u>in object names.

errors-global-analytics by Evgeny Shvarov v1.0.1 Added an <u>online demo</u> fixed the bug

Background Jobs over ECP by Robert Cemper v1.0.4 add /

<u>cmPurgeBackup</u> by <u>Alexey Maslov</u> v1.0.3 Version number was updated in module.xml.

<u>Native-API-for-ObjectScript</u> by <u>Robert Cemper</u> v1.0.1 Adjust /

<u>ObjectScript Over ODBC</u> by <u>Robert Cemper</u> v1.0.2 Adjust /

snapshot to JSON by Robert Cemper v1.0.3

Adjust /

Light weight EXCEL download by Robert Cemper v1.0.2 Adjust /

<u>Collection Indexing and Query</u> by <u>Robert Cemper</u> v1.0.1 Adjust /

zpmshow by <u>Robert Cemper</u> v1.0.2 Adjust /

Zpipe by <u>Robert Cemper</u> v1.0.9 Adjust /

<u>Using ZPM for Node.js</u> by <u>Robert Cemper</u> v0.0.3 Adjust /

Wsock-Embedded-Py by Robert Cemper v0.0.3 Adjust /

WebSocketClient CSP based by Robert Cemper v1.0.2 Adjust /

<u>Trying Embedded Python</u> by <u>Robert Cemper</u> v0.0.3 Adjust /

<u>Terminal Multi-Line Command Editor</u> by <u>Robert Cemper</u> v1.0.7 Adjust / v1.1.0

• add selectable installation of Command Extension ZME

add <u>demo video</u>

<u>Terminal Multi-Line Option</u> by <u>Robert Cemper</u> v1.0.6 Adjust /

<u>Sync Data with DSTIME</u> by <u>Robert Cemper</u> v1.0.3 Adjust /

SUDOKU Demo in Spanish by Robert Cemper v1.0.6 Adjust /

<u>SUDOKU Demo</u> by <u>Robert Cemper</u> v1.0.4 Adjust /

SQL for ^ERRORS Global by Robert Cemper v1.0.5 Adjust /

Simple remote server control by Robert Cemper v1.0.3 Adjust /

Organize ZLANG by Robert Cemper v1.0.3 Adjust /

<u>Full OBJ Dump</u> by <u>Robert Cemper</u> v1.0.6 Adjust /

function ISJSON by Robert Cemper v1.0.5 Adjust /

IRIS internal WebSocket Client by Robert Cemper v1.0.5 Adjust /

fast JSON formatting in IRIS by Robert Cemper

v1.0.6 Adjust /

fast JSON formatting for Cache by Robert Cemper v1.0.9 Adjust /

<u>Cpipe for AoC2020</u> by <u>Robert Cemper</u> v0.0.5 Adjust /

<u>The adopted Bitmap</u> by <u>Robert Cemper</u> v1.0.4 Adjust /still no text in ZPM

isc-apptools-lockdown by <u>Sergey Mikhailenko</u> v1.0.7 added shields

WebSocket EchoServer IRIS internal by Robert Cemper

v1.0.4 set module name same as already in ZPM echoserver-wsock-iris

csvgen by Evgeny Shvarov v1.1.11 Module description is introduced

WebSocket Client IRIS internal by Robert Cemper v1.0.4 add to ZPM

VSCode-ObjectScript by Dmitry Maslennikov

v1.0.9

- Allow system files (% classes) to be searched from non-%SYS namespace.
- Handle objectscript.conn.server referencing non-existent intersystems.servers entry (#586)
- Improve README.
- Upgrade vulnerable dependencies.
- Implement isfs://server:namespace/ syntax as an alternative to the ns=NAMESPACE query parameter (#450)
- Use new isfs notation in entries created by 'Add Server Namespace to Workspace' (#554)
- Load server-side (isfs) folder-specific snippets (#552)

- Improve snippets:
 - Add a ///-comment tabstop at the start of all snippets used in class definitions.
 - Add descriptive default text to more tabstops.
 - Add third superclass to multi-superclass snippet.
 - Uniformly use Capitalized command names and UPPERCASE function names in ObjectScript.
 - Standardize body layout in definitions to reflect layout of result.
 - Tidy how duplicate tabstops are used.
- Support searching all Studio document types when using symbol search (Cmd/Ctrl + T).
- Upgrade vulnerable dependency.

mg-dbx by <u>Chris Munt</u> v2.3.25 Release Notes in the README.md

mggo_ by <u>Chris Munt</u> v1.2.4 Release Notes in the README.md

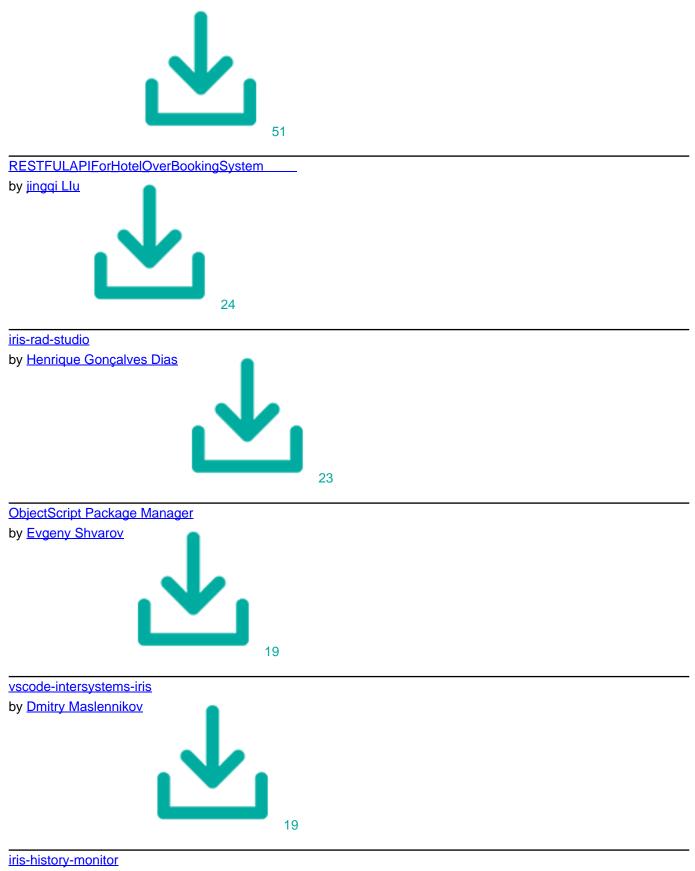
mgphp by Chris Munt v3.2.58 Release Notes in the README.md

mgruby_ by <u>Chris Munt</u> v2.2.42 Release Notes in the README.md

iris-fhir-portal by <u>Henrique Gonçalves Dias</u> v1.0.8 Included tags <<u>Description</u>> and <<u>Keywords</u>> to module.xml



PythonGateway by Eduard Lebedyuk



by Henrique Gonçalves Dias



Airplane React, Material UI, and REST API by Flavio Lucio Naves Junior



Dictionary comparison scheme of cache database



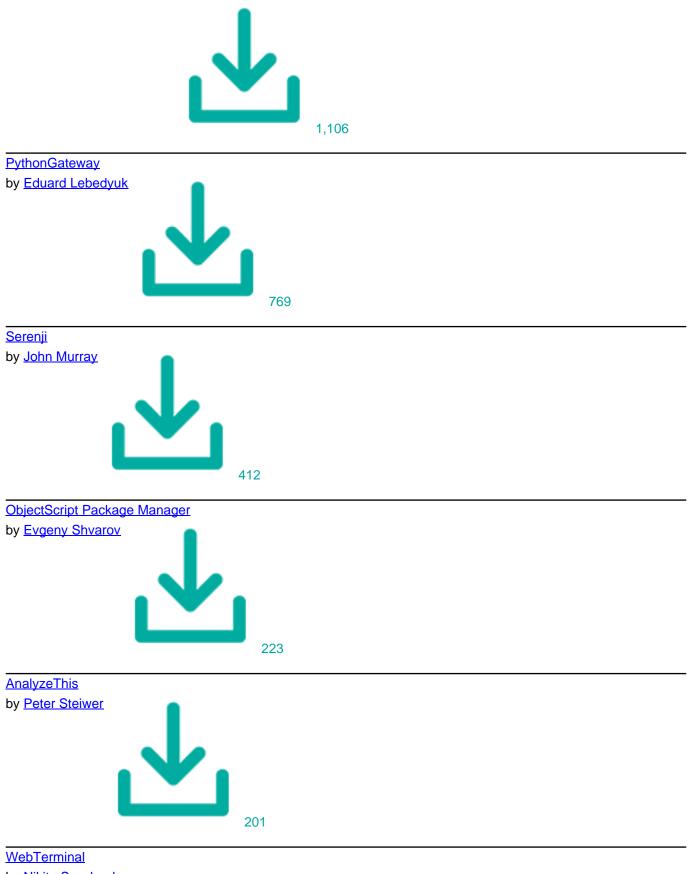


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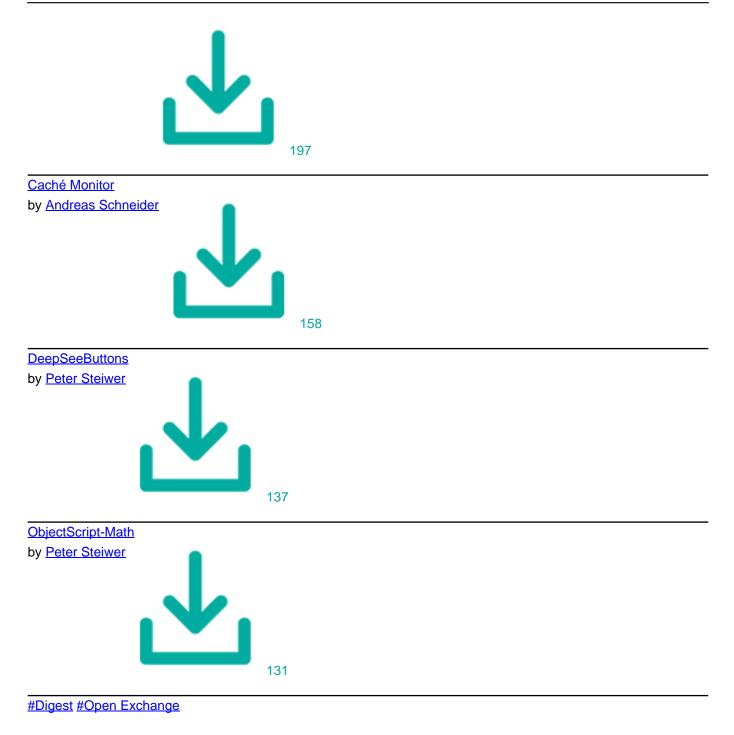
VSCode-ObjectScript by Dmitry Maslennikov



iris-history-monitor by <u>Henrique Gonçalves Dias</u>



by Nikita Savchenko



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