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 Gonçalves 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

DeepSeeWeb by Anton Gnibeda

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%)

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vscode-intersystems-iris *by* Dmitry Maslennikov
v0.1.1

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

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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

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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

[Create a unified hospital data extraction scheme based on IRIS for Health](#) *by* [Deming Xu](#)
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_day Delete all history older than the number of days.

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

hist -add Number_hist [name_cmd] [a/l/h] 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

[apptools-util](#) *by* [Sergey Mikhailenko](#)

v1.1.5

updated description
v1.1.6
added permiss project

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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

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

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objectscript-openapi-definition *by* Guillaume Rongier
v1.1.7
Management of "-" and "_" in object names.

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errors-global-analytics *by* Evgeny Shvarov
v1.0.1
Added an online demo
fixed the bug

Background Jobs over ECP *by* Robert Cemper
v1.0.4
add \

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cmPurgeBackup *by* Alexey Maslov
v1.0.3
Version number was updated in module.xml.

Native-API-for-ObjectScript *by* Robert Cemper
v1.0.1
Adjust \

ObjectScript Over ODBC *by* Robert Cemper
v1.0.2
Adjust \

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snapshot to JSON by Robert Cemper

v1.0.3

Adjust\

Light weight EXCEL download by Robert Cemper

v1.0.2

Adjust\

Collection Indexing and Query by Robert Cemper

v1.0.1

Adjust\

zpmshow by Robert Cemper

v1.0.2

Adjust\

Zpipe by Robert Cemper

v1.0.9

Adjust\

Using ZPM for Node.js by Robert Cemper

v0.0.3

Adjust\

Wsock-Embedded-Py by Robert Cemper

v0.0.3

Adjust\

WebSocketClient CSP based by Robert Cemper

v1.0.2

Adjust\

Trying Embedded Python by Robert Cemper

v0.0.3

Adjust\

Terminal Multi-Line Command Editor by Robert Cemper

v1.0.7

Adjust\

v1.1.0

- add selectable installation of Command Extension ZME

- add [demo video](#)

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

v1.0.6

Adjust\

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

v1.0.3

Adjust\

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

v1.0.6

Adjust\

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

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\

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

v1.0.6

Adjust\

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

v1.0.5

Adjust\

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

v1.0.5

Adjust\

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fast JSON formatting in IRIS *by* Robert Cemper

v1.0.6
Adjust \

fast JSON formatting for Cache *by* Robert Cemper

v1.0.9
Adjust \

Cpipe for AoC 2020 *by* Robert Cemper

v0.0.5
Adjust \

The adopted Bitmap *by* Robert Cemper

v1.0.4
Adjust \ still no text in ZPM

isc-apptools-lockdown *by* Sergey Mikhailenko

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.

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mg-dbx *by* Chris Munt

v2.3.25

Release Notes in the README.md

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mggo *by* Chris Munt

v1.2.4

Release Notes in the README.md

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mgphp *by* Chris Munt

v3.2.58

Release Notes in the README.md

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mgruby *by* Chris Munt

v2.2.42

Release Notes in the README.md

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iris-fhir-portal *by* Henrique Gonçalves Dias

v1.0.8

Included tags <Description> and <Keywords> to module.xml

Top 10 downloads of the month

VSCode-ObjectScript

by Dmitry Maslennikov

73

PythonGateway

by Eduard Lebedyuk

51

RESTFULAPIForHotelOverBookingSystem
by jingqi LIu

24

iris-rad-studio
by Henrique Gonçalves Dias

23

ObjectScript Package Manager
by Evgeny Shvarov

19

vscode-intersystems-iris
by Dmitry Maslennikov

19

iris-history-monitor
by Henrique Gonçalves Dias

18

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

15

Dictionary comparison scheme of cache database
by Weiwei Yang

14

HealthInfoQueryLayer
by Botai Zhang

13

Top 10 downloads of all time
VSCode-ObjectScript
by Dmitry Maslennikov

1,219

iris-history-monitor
by Henrique Gonçalves Dias

1,106

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

769

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

412

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

223

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

201

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

197

Caché Monitor
by Andreas Schneider

158

DeepSeeButtons
by Peter Steiwer

137

ObjectScript-Math
by Peter Steiwer

131

#Digest #Open Exchange

Source URL:https://community.intersystems.com/post/intersystems-open-exchange-march-2021-digest