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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

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[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 under 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 Zasyepkin](#)

#### 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

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[Create a unified hospital data extraction scheme based on IRIS for Health](#) by [Deming Xu](#)

v1.0.4

Update .png files and Description

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[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

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[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 Numberday 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 commands.

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

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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

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[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

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

v1.1.5

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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

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[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.

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[Native-API-for-ObjectScript](#) by [Robert Cemper](#)

v1.0.1

Adjust /

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[ObjectScript Over ODBC](#) by [Robert Cemper](#)

v1.0.2

Adjust /

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

v1.0.3

[Adjust](#) /

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

v1.0.2

[Adjust](#) /

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[Collection Indexing and Query](#) by [Robert Cemper](#)

v1.0.1

[Adjust](#) /

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

v1.0.2

[Adjust](#) /

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

v1.0.9

[Adjust](#) /

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

v0.0.3

[Adjust](#) /

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

v0.0.3

[Adjust](#) /

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

v1.0.2

[Adjust](#) /

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[Trying Embedded Python](#) by [Robert Cemper](#)

v0.0.3

[Adjust](#) /

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

v1.0.7

[Adjust](#) /

v1.1.0

- add selectable installation of Command Extension ZME
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- add [demo video](#)

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

v1.0.6

[Adjust](#) /

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

v1.0.3

[Adjust](#) /

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

v1.0.6

[Adjust](#) /

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

v1.0.4

[Adjust](#) /

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

v1.0.5

[Adjust](#) /

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

v1.0.3

[Adjust](#) /

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

v1.0.3

[Adjust](#) /

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

v1.0.6

[Adjust](#) /

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

v1.0.5

[Adjust](#) /

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[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 /

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

v1.0.9

Adjust /

---

[Cpipe for AoC2020](#) by [Robert Cemper](#)

v0.0.5

Adjust /

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

v1.0.4

Adjust /still no text in ZPM

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[isc-apptools-lockdown](#) by [Sergey Mikhailenko](#)

v1.0.7

added shields

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

v1.0.4

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

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

v1.1.11

Module description is introduced

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

v1.0.4

add to ZPM

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[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)
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- 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

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Top 10 downloads of the month

[VSCode-ObjectScript](#)

by [Dmitry Maslennikov](#)



73

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[PythonGateway](#)

by [Eduard Lebedyuk](#)



51

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[RESTFULAPIForHotelOverBookingSystem](#)

by [jingqi Llu](#)



24

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[iris-rad-studio](#)

by [Henrique Gonçalves Dias](#)



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[ObjectScript Package Manager](#)

by [Evgeny Shvarov](#)



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[vscode-intersystems-iris](#)

by [Dmitry Maslennikov](#)



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[iris-history-monitor](#)

by [Henrique Gonçalves Dias](#)



18

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[Airplane React, Material UI, and REST API](#)

by [Flavio Lucio Naves Junior](#)



15

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[Dictionary comparison scheme of cache database](#)

by [Weiwei Yang](#)



14

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[HealthInfoQueryLayer](#)

by [Botai Zhang](#)



13

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**Top 10 downloads of all time**

[VSCode-ObjectScript](#)

by [Dmitry Maslennikov](#)



1,219

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[iris-history-monitor](#)

by [Henrique Gonçalves Dias](#)



1,106

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[PythonGateway](#)

by [Eduard Lebedyuk](#)



769

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[Serenji](#)

by [John Murray](#)



412

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[ObjectScript Package Manager](#)

by [Evgeny Shvarov](#)



223

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[AnalyzeThis](#)

by [Peter Steiwer](#)



201

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[WebTerminal](#)

by [Nikita Savchenko](#)



197

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[Caché Monitor](#)

by [Andreas Schneider](#)



158

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[DeepSeeButtons](#)

by [Peter Steiwer](#)



137

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[ObjectScript-Math](#)

by [Peter Steiwer](#)



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