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Announcement

[Anastasia Dyubaylo](#) · Oct 1, 2020

## InterSystems Open Exchange September 2020 Digest

Hey Developers,

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

### General stats:

327 published applications  
370 downloads in September  
708 developers joined

### New applications (10)

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

This template shows you how to build, test and deploy a simple full-stack application using InterSystems IRIS REST API

[csvgen-ui](#) by [Guillaume Rongier](#)

An angular frontend for Csvgen app.

[workflowUI-ngx](#) by [Sergey Sarkisyan](#)

Workflow UI implementation with Angular, Bulma and PrimeNG

[ALPHA LOGISTICS](#) by [Jamil de Mattar](#)

Alpha SW is an integrated management solution for SUPPLY CHAIN which embrace industries as Health Care, Oil and Gas and Retail, among others.

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

A small demo on how to use Native API for InterSystems ObjectScript

[covid-ai-demo-deployment](#) by [Zhong Li](#)

"Covid-19 AI demo in Docker" deployment including dockerised Flask, FastAPI, Tensorflow Serving and HA Proxy etc etc.

[sqltools-intersystems-driver](#) by [Dmitry Maslennikov](#)

InterSystems support for SQL in the SQLTools extension to Visual Studio Code

[iris-ldap-auth](#) by [Tomohiro Iwamoto](#)

Example of how to setup IRIS and OpenLDAP for LDAP user authentication

[SAM](#) by [Luca Ravazzolo](#)

System Alerting and Monitoring (SAM) is a solution for monitoring clusters of InterSystems IRIS instances.

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

An example of a backup task with preliminary deletion of old files.

### New releases (10)

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

v1.0.4

- A new release of COVID-19 Analytics Confirmed to Population information is introduced.

v1.0.5

- Readme updated

v1.1.0

- Upgrade to dsw 3.0 [Dashboards](#)

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

v2.1.1

- Handler support for special types (URLs and images).

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

v0.8.1

- Some small fixes in filtering for isfs.
- Fixed connection info in Explorer.
- Extra links for server.
- Support creating classes, routines, webapp files on isfs.
- Some fixes in formatting provider.
- Option to suppress error messages.
- Ignore case for script and sql in diagnostics.
- Option to disable debug this method action.
- Password prompt, live connection status.

v0.8.2

- Show current place (label+pos^routine) in status bar for INT code.
- Fix syntax highlighting.
- Support for \${namespace} in links.

v0.8.3

- Support for custom address in isfs.
- Multi select in explorer view for mass export.

v0.8.5

- Fix errors in embedded JS code.
- Fix diagnostic error for values in quotes.

v0.8.6

- Support \$ETRAP system variable.
- Fix opening Docker terminal.

v0.8.7

- Use intersystems.servers object for more flexible connection definitions.
- Recommend [intersystems-community.servermanager](#) extension for management of intersystems.servers definitions.
- Support server-side source control and other server-side commands.
- Add isfs-readonly scheme to give readonly access to server code.
- Improve class snippets and implement snippets for routines.

- Be less strict about spaces in header of routines.
- Handle `objectscript.format.commandCase` set to invalid value.
- Make command titles conform to VS Code style.
- Support compilation for more file types.
- Display CSP and Other files in ObjectScript Explorer.
- Add option to show system files in ObjectScript Explorer.
- Make View Another Namespace... command in ObjectScript Explorer only apply to the selected server.
- Fix several issues with terminal in Docker.
- Fix some debugging issues.
- Respect original `EndOfLine` in file when loading changes from server.
- Alert on import error.
- Resolve diagnostic issue in html style block.
- Added diagnostic to warn if non-latin characters found in class element.
- Webpack extension to reduce size.

#### v0.8.8

- Fix retrieval of password when `objectscript.conn.server` defers to Server Manager.
- Fix command completions, broken in 0.8.7.
- Improve ObjectScript Explorer:
  - Files that will be loaded from local workspace now show their filetype icon and a full path tooltip.
  - Fix rare case where code would load from wrong place.
- Skip compilation of local CSP files for now.
- Improve handling of server modification date comparisons.
- Fix incorrect Studio Action "Changed Namespace" not supported message in output channel.
- New `objectscript.autoShowTerminal` option controlling whether terminal shows automatically when connected to docker-compose. Default is false.
- Add CONTRIBUTING.md document.
- Improve README information about username and password in settings.

#### v0.8.9

- Fix saving of isfs-type server-side editing, broken in 0.8.8.
- Implement double-click opening from ObjectScript Explorer.
- Make ObjectScript Explorer handle non-isfs multi-server multi-root workspace correctly.
- Reload VS Code Explorer tree after successful connection.
- Fix some issues with `export.addCategory` setting:
  - Resolve error when non-string was used as folder value.
  - If setting contains multiple patterns, check all of them, in given order.
- Fix server-side searching of isfs-type root that uses `intersystems.servers` for its connection.
  - Server-side searching uses a VS Code API that is still (1.48) at "proposed" stage. See [here](#) for instructions on how to use this pre-release feature.
- No longer use progress indicator when server-side source control displays a page.
- Do not call server-side `AfterUserAction` if not necessary.
- Upgrade vulnerable dependencies.

#### v0.9.0

- Change publisher id to be 'intersystems-community'.

- Refresh correctly from server after isfs-type save and compile.
- Swap the two sides displayed by a compare invoked after local file import conflict. Server copy is now on the left, to match convention elsewhere in VS Code.
- Fix Import and Compile Current File.
- Exclude invalid commands from Command Palette.
- New documentation site using [GitHub Pages](#).
- Add API functions for use by other extensions.
- Upgrade vulnerable dependencies.

#### v0.9.1

- Fix problem that caused isfs-type saves to report incorrectly that server version was newer.
- Prevent silent overwrite on retry after an import was initially canceled because of server-side difference.
- Serialize and deduplicate initial credential prompting when a multi-server workspace is opened.
- Make server-side extension pages launch correctly when intersystems.servers is used for the connection.
- Fix tag+line^routine display in status bar, and extend it from INTs to MACs.
- Fix broken badges on extension's page.
- Make changes for Theia compatibility.
- Improve README.
- Add missing 0.9.0 CHANGELOG.

#### v0.9.2

- Implement Add Server Namespace to Workspace... command and surface it on folder context menus in VS Code Explorer.
- Add Choose Server and Namespace button to VS Code Explorer view when no folder or workspace is open. This provides a quick way to get started with server-centric development, particularly when combined with the 'just-in-time' connection definition enhancement that arrived in version 0.0.7 of the Server Manager extension.

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#### [HIS qMS](#) by [Vera Nikitina](#)

##### v1.0.1

- uploaded the logo

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#### [iris-fhir-portal](#) by [Henrique Gonçalves Dias](#)

##### v1.0.6

- Included zpm installation

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

##### v1.0.3

- [fhir-portal](#) is introduced. Installed via ZPM

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#### [objectscriptQuality for VSCode](#) by [Daniel](#)

##### v3.1.2

- Abilite to enable/disable rules on disconnected mode

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[BridgeWorks VDM](#) by [Tony Coffman](#)

v10.0.16

- v10 features a new Report Scheduler and Automation process that has an Outlook inspired look and feel.
- Introducing a new feature called Insights, a report repository and data warehouse that is powered by the Scheduler.
- New MSI Installation Package for easier installation and deployment across the enterprise.

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

v3.0.8

- added support for addons
- added settings menu
- most of the settings now can be changed in realtime
- added support for "ns" param on login screen
- added realtime customization of chart colors
- optimized widget loading on dashboard
- added "view as" context menu item for charts
- added "export" to context menu
- improved context menu design
- added optimization for dashboard widget for future 'content-visibility' feature
- optimized speed of dashboard widgets loading and user interaction
- new implementation of chart printing(now printed as svg, faster and no flickering on main screen, as old implementation renders chart in DOM)
- changed behavior of widgets while dragging, now they have infinitive vertical scroll
- improved UX of context menu, if it opened near edge of the screen, it's to be opened opposite edge, so context menu can't never shown offscreen
- fixed issue with missing controls on empty widget
- small fix for sidebar positioning
- simplified layout for text widget(removed % calcs, etc. small performance increase)
- fixed issue during navigation when editing dashboard
- fixed few memory leaks due to forgotten subscriptions
- changed layout of sidebar menus
- small fixes for style variables of filter(for future correct themes support)

v3.0.9

- fixed issue with default(without user configuration) widget placement on dashboards

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

v1.1.7

- Fixed error messaging for importing issues

v1.1.8

- Fix [Windows path issue](#)

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[Top 10 downloads of the month](#)

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[iris-history-monitor](#)

by [Henrique Gonçalves Dias](#)



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[Serenji](#)

by [John Murray](#)



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[VSCode-ObjectScript](#)

by [Dmitry Maslennikov](#)



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[PythonGateway](#)

by [Eduard Lebedyuk](#)



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[iris-fullstack-template](#)

by [Evgeny Shvarov](#)



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[iris-fhir-portal](#)

by [Henrique Gonçalves Dias](#)



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[HIS qMS](#)

by [Vera Nikitina](#)



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[ObjectScript Package Manager](#)

by [Evgeny Shvarov](#)



7

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[WebTerminal](#)

by [Nikita Savchenko](#)



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[csvgen-ui](#)

by [Guillaume Rongier](#)



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[Top 10 downloads of all time](#)

[iris-history-monitor](#)

by [Henrique Gonçalves Dias](#)



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



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



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



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



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





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[ObjectScript Package Manager](#)

by [Evgeny Shvarov](#)



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[Caché Monitor](#)

by [Andreas Schneider](#)



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[DeepSeeButtons](#)

by [Peter Steiwer](#)



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[ObjectScript-Math](#)

by [Peter Steiwer](#)



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