
Announcement

[Timothy Leavitt](#) · Jun 27, 2022

[Open Exchange](#)

Accelerate your IRIS full-stack application development with three new Open Exchange packages (+ a demo)

Hello community,

I'd like to briefly announce three new packages, available on the Open Exchange / through ZPM, that can really help accelerate modern full-stack application development on IRIS. I announced all of these in a Global Summit session last week, but you may have missed it - and I hear there's a full-stack application development contest coming up!

At the heart of this is [isc.rest](#): a continuation of [apps-rest](#) with broader use within InterSystems and some new killer features - most notably, OpenAPI spec generation. [isc.rest](#) makes enabling REST access to your data easy: extend a class, override a parameter, and specify security for the new REST resource you are thereby creating. This is backed up by [isc.json](#), an authorized fork of IRIS' %JSON package intended to help advance JSON support in IRIS through community feedback.

On the UI side, [isc.ipm.js](#) adapts the IRIS package manager to simplify build and deployment of modern web UI alongside server-side code, including driving client code generation based on [isc.rest](#)'s OpenAPI specs and a new "generate" package manager lifecycle phase. With [isc.ipm.js](#) you can publish your package to a private registry (using [zpm-registry](#)) and distribute your server-side code and built UI artifacts without needing to rebuild on the client (or commit your build artifacts to source control, because that's gross).

Finally, [isc.perf.ui](#) serves as a demo for all of the above - and a handy demo, driving the line-by-line monitor (^%SYS.MONLBL) and providing access to results through a simple Angular UI.

I'll be writing more on these in the coming weeks+ - stay tuned!

[#Angular](#) [#JSON](#) [#REST API](#) [#UI Development](#) [#InterSystems IRIS](#)
[Check the related application on InterSystems Open Exchange](#)

Source

URL: <https://community.intersystems.com/post/accelerate-your-iris-full-stack-application-development-three-new-open-exchange-packages-demo>