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Announcement

[Rob Tweed](#) · May 15, 2020

## Tutorial: Implementing REST APIs using QEWD MicroServices with Cache or IRIS on Windows

I've created a new repository that I will use for providing examples of various scenarios and use cases for QEWD

<https://github.com/robtweed/qewd-microservices-examples>

Initially it contains a example of a scenario I'm often asked about: a set of REST APIs, with JWT support, implemented as a set of QEWD MicroServices, each of which uses Cache or IRIS running on a Windows system.

What I've provided is a detailed, step-by-step guide (with detailed explanations) of how to set up such a system.

The example shows a use case of REST APIs to:

- authenticate / login
- thereafter use a set of CRUD APIs to create, get, edit and delete a simple Person record.

The example provides two alternative sets of API handler modules showing how the same CRUD APIs would be implemented for:

- an simple Cache/IRIS Person class; or
- an equivalent QEWD-JSdb persistent JSON Person document

The example also demonstrates how to make use of the JSON Web Tokens (JWTs) that are provided automatically by the QEWD MicroServices

When you get a QEWD instance up and running, be sure to try out the new `qewd-monitor-adminui` application that will be automatically installed, and in particular try out its super-cool QEWD-JSdb Node Inspector: a new way to visualise and explore/maintain the underlying Global Storage in your Cache or IRIS system!

[#JavaScript](#) [#JSON](#) [#Microservices](#) [#Microsoft Windows](#) [#Node.js](#) [#Caché](#) [#InterSystems IRIS](#)

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Source

URL: <https://community.intersystems.com/post/tutorial-implementing-rest-apis-using-qewd-microservices-cache-or-iris-windows>