Profound.js Connector

Profound.js Connector is the commercial add-on to the Profound.js Framework and Visual Designer that adds robust integration and connectivity capabilities.

The Profound.js Connector API provide inherent support for the following databases:

- IBM i DB2
- MySQL
- MariaDB
- SQL Server
- Oracle

Below is a list of some of the features provided by the Profound.js Connector for using and accessing IBM i resources:

- Ability for legacy code (existing RPG and CL) to start utilizing any Node.js module, and to immediately realize the benefits of the open source ecosystem, including the use of Web services, npm, IoT, and Watson in your applications
- Ability to modernize RPG to Node in a step by step iterative manner, rather than using an "all or nothing" approach
- IBM i DB2 Node.js driver for both Record Level Access and SQL operations, including support for overrides and QTEMP in an interactive job
- Ability for Node.js modules to act like native ILE programs on IBM i
- Ability to call RPG, CL, and COBOL programs seamlessly
- Capability to call 5250 green-screen interactive commands from Node, and having them render as HTML5 on-the-fly
- Ability for Node.js to be called from RPG, CL, or the command line using a standard IBM i CALL
- Seamless handling of parameters between native programs and Node.js, including the ability to pass and receive fields declared with native IBM i data types
- Ability to call any service program procedure on IBM i from Node, including operating system API, as if they were simple JavaScript functions
- Ability to automatically expose any existing legacy logic as web services, even when legacy programs are not well-modularized and screen logic is intermingled with business logic
- Options to use standard IBM i security and object level authority on Node.js code
- Ability to take your applications offline and automatically synchronize data with IBM i when a connection is reestablished