

MDRest4i All-in-One Rest API Solution on IBM i



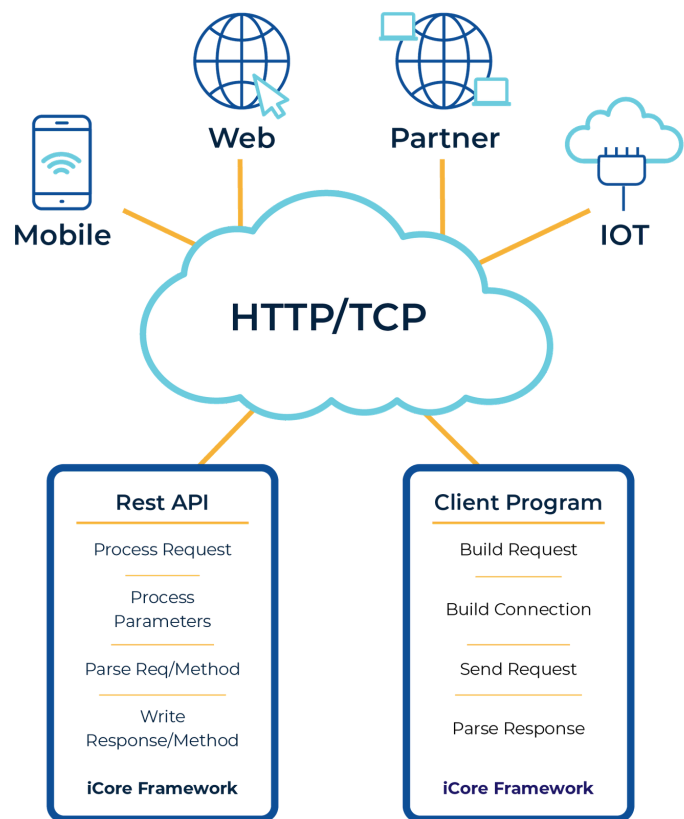
Quick, Easy, and Secure IBM i Integration

CREATE LIGHTNING FAST REST APIS

MDRest4i enables IBM i programmers to build REST APIs and consumers using only RPG and SQL RPG ILE. As the application expert, you can enforce your business rules without having to rely on middleware, code abstractions, or connectivity drivers.

Quickly and easily build any kind of integration with your IBM i applications. Employing an RPG ILE framework for IBM i environments, MDRest4i hides code complexities while standardizing flow where possible. MDRest4i's performance-optimized code structure for parsing and translations means lightning quick response times.

The tool suite comprises an RPGLE development framework, a software development kit, and an API documentation portal. In addition, Midrange Dynamics clients can use MDChange to track and deploy their MDRest4i APIs.



GENERATE

MDRest4i SDK automates the generation of API and Consumer templates in RPGLE code from multiple requirement specification sources.

DEVELOP

Add RPGLE business logic to layered architecture for low code maintenance without limiting flexibility.

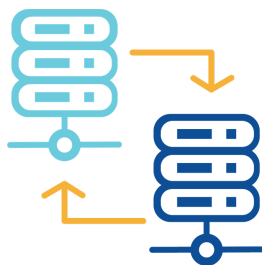
DOCUMENT

MDRest4i Documenter wizards build OpenAPI specs, which you can edit. Export them to API Developer Portal and Atlassian Confluence Spaces.



LAYERED ARCHITECTURE

- MDRest4i layered RPGLE architecture stores reusable complex logic in copybooks. Developers only use RPGLE and SQL for business logic supporting input/output of mission critical data.
- Call to or integrate with existing programs, procedures, stored procedures, or service programs using standard RPGLE.



GENERATE APIS DIRECTLY FROM YOUR REQUIREMENT SPECS

- MDRest4i SDK imports sample JSON, predefined OpenAPI (Swagger) Specifications, or DB2 Table/PF Objects.
- Generate ready-to-code structured templates for REST API or client programs.
- Handles large, complex JSON payloads, oneOf/anyOf schema constructs.
- Automatically generate schema discriminator condition logic in RPGLE.
- Start coding business logic in a few seconds.



RICH API DOCUMENTATION & DEVELOPER PORTAL

MDRest4i SDK uses wizards and simple forms to help you build OpenAPI (aka Swagger) specifications. Use these to generate RPGLE code and export them to the built-in Developer Portal for API documents, MDRest4i, or Confluence.

“The more we use MDRest4i, the more we discover projects we can do that will save us time and money. It has truly opened up for us a world of possibilities to utilize the valuable data that resides in our IBM i applications.”

RAY TAYLOR

Technology Manager, Ward Transport & Logistics

Questions? Visit our website at www.md-na.com and schedule a demo!