

Rapid Development of IBM i Free-Form RPG and APIs

X-Elevate’s modular, multi-layer architecture lets you build different types of next gen IBM i applications.



X-Elevate accelerates time to delivery and increases code quality by providing a rapid development framework to build modular, free-form RPG applications. Using X-Elevate templates, RPG programmers can easily create APIs and web services to integrate with other systems, and build responsive web and mobile applications.

Why X-Elevate?



Improve IT and business agility

Agility is achieved through application architecture. Quickly generate modern free-form RPG code, that is easy to maintain and implement new features—enabling you to react quickly to market changes.



Deliver incremental modernization

Enable modernization of legacy RPG programs to modern free-form RPG applications with multi-layer architecture. Template-based approach delivers consistency and best practices across all teams.



Integrate systems and share data

X-Elevate exposes Db2 files as RESTful APIs, making it easy to share data with other systems, improve integration and make IBM i resources available to web and mobile users.



Leverage RPG skills and attract new talent

Templates help RPG developers create modular programs. The generated free-form RPG code can easily be learned by non-RPG developers and supports attracting new talent.

The monolithic architecture of most RPG green screen applications makes them difficult to maintain, display in mobile devices and integrate with newer systems. X-Elevate’s multi-layer architecture facilitates code maintenance and makes the best use of RPG and newer skills in your organization.

Kickstart Application Development:

1. Define.

Select the Db2 files and fields for the application.



2. Generate.

Complete the wizard to generate a modular API in free-form RPG.



3. Provide.

Start using the new service and customize to meet your needs!

Key Features



Multi-layer, modular architecture

- Create reusable and scalable components.
- Support modern, multi-tiered application designs and microservices.
- Improve data integrity by providing a single access point to DB files.



Template-based

- Template-based approach ensures consistency across the development team.
- Includes CRUD & Listing templates for rapid development.
- Customize the templates, or create new ones to fit your business needs.



High quality, consistent code

- Generate modern free-form RPG code that is easy to maintain in an RPG editor such as RDi.
- Supports DDL table long names making it easy to understand and maintain the code.
- Reduce code duplication and facilitate testing.



RESTful API and security

- Includes a RESTful router component.
- Ability to define a library list for each endpoint.
- Provides an exit point for integration with security frameworks.

Ready to start developing modern applications with X-Elevate?

X-Elevate includes a jumpstart service to get you started quickly. Our RPG and web experts can further assist you by working with your team or developing the applications for you. Contact us today!

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About Fresche Solutions®

Fresche Solutions is a global vendor of IBM i application modernization and transformation solutions.

Fresche helps IBM i clients attain their business goals by better managing, enhancing and evolving their RPG, COBOL and CA 2E (Synon) application environments.

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