

Writing Web Service APIs Using CICS Artifacts

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| The Problem

- Legacy applications
- 800+ billion lines of COBOL in production
- \$10's of millions Invested
- New media and interfaces
- The host is the laggard

| Why are you waiting?

- Rewrite Applications
- Migrate off the Host



| The Requirements

➤ Fast and Low Cost

- Use any/all existing CICS application assets
- Develop, test, deploy using existing tooling
- Use existing skills or easy to learn new skills

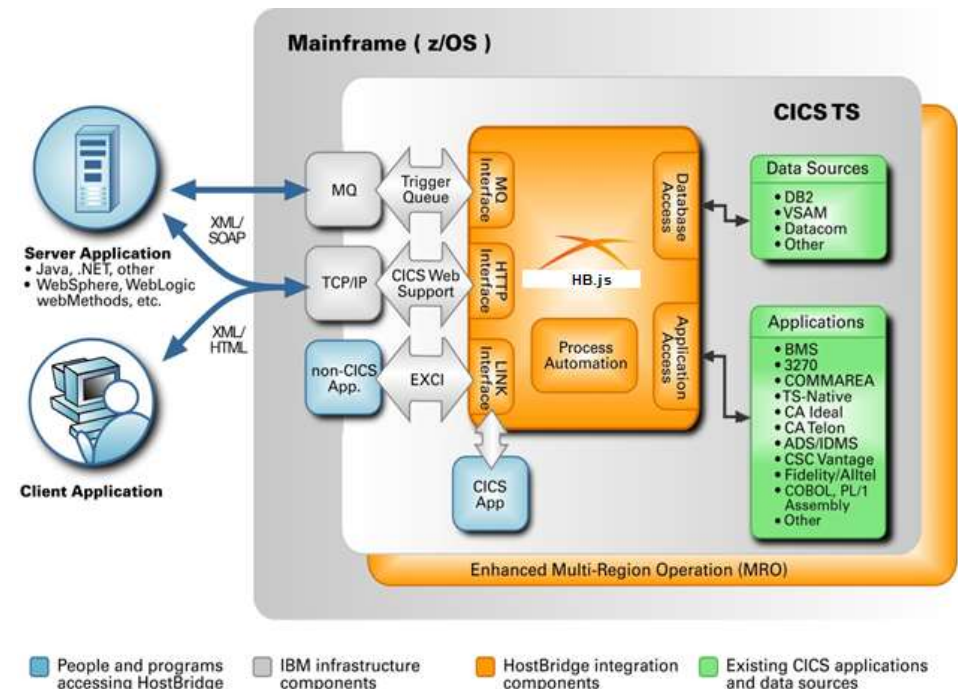
➤ Minimize Risk

- No changes in logging, auditing with better security
- No changes in mainframe application code

The Solution

JavaScript engine inside CICS – HB.js

- Ported from the Firefox
- Runs on the zIIP
- No client required
- Standard web service APIs
 - JSON, RESTful, XML, SOAP, etc.
- API service boundary is the host
- Invoke from https, MQ, CICS Link, EXCI
- Standard CICS configurations for high availability and/or high throughput



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