

PL/B Web Server

RestApi



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Software**

OVERVIEW



- **RestApi Discovery**
- **PWS RestApi Setup**
- **PL/B Language Support**
- **Review RestApi Examples**
- **Run RestApi Examples**

RestApi Discovery



- **RestApi Discovery**

- Representational State Transfer

- **Simpler Alternative to SOAP**

- **Access to resources with simply defined operations**

- **Architectural Style for Designing Distributed Systems**

- **RESTful Web Services**

- https://en.wikipedia.org/wiki/Representational_state_transfer

- <http://www.restapitutorial.com/>

RestApi Discovery



- **PL/B RestApi**

- Client Web App
 - Standard HTTP Operations
 - DELETE, GET, PUT, ...etc

- **PL/B Web Server**

- Accepts Client Logon Requests Detecting RestApi
- Generates CGI Data
- Executes PL/B Runtime (PLB, PLBWIN, PLBNET...)

- **PLBWIN**

- Executes PL/B Program

PWS RestApi Setup



- **PL/B Web Server**
 - **PL/B Web Server Manual**
 - [Rest Support Section](#)
 - **Show RestApi Demo [Quick Start](#)**
 - **Show PWS [RestApi Setup](#)**
 - **Simple Setup Requirements**

PL/B Language Support



- **PL/B Instructions**
- **RUNTIME Object Methods**
 - [CgiString](#)
 - **Retrieve CGI Data into PL/B Program**
 - [HttpResponse](#)
 - **Send HTTP Response to Client Web App**

Review RestApi Examples



- **PL/P RestApi Demo Program**
 - **PhoneMsg** executed by PLBWIN
 - Show Me '[PhoneMsg](#)' Programs
- **Client Web App HTML web pages**
 - **Created using Dreamweaver Project**
 - Show Me '[Dreamweaver Tutorial](#)'
 - Show Me 'RestApi [Web Pages](#)'

Run RestApi Examples



- Azure RestApi PhoneMsg [Demo](#)
- Azure RestApi PhoneMsg Debug [Demo](#)
- Azure RestApi PhoneMsgDeb [Demo](#)
- Azure RestApi PhoneMsgErr [Demo](#)

Questions?

