

The Data Production Library and API Data Generation

API Data Generation is delivered as an addition to the **Appvance Data Production Library (DPL)**. The DPL is the part of Appvance IQ that produces the operational test data scripts consume, and this feature extends it to API testing driven by an OpenAPI specification.

Background: what a DPL is

A Data Production Library is a data production library generator. In Appvance IQ, a **JavaScript DPL** generates a CSV file containing JavaScript functions and methods. That file can either be evaluated at run time, or be generated already evaluated, and then used to data-drive scripts in:

- **Test Designer**
- **Scenario Editor**
- **AI Blueprinting** (now AI Script Generation / Digital Twin)

In the JavaScript DPL workflow you add columns and rows, enter values or pick from the available functions and methods, and save the result as a CSV — giving scripts a supply of generated operational data instead of hard-coded values.

How the new capability differs: the classic DPL is authored by hand for the data you need. API Data Generation derives both the scripts and the required data automatically from the OpenAPI contract, which is what lets it scale to thousands of flows.

Where to go next in this documentation set

- [2.11 - Operational Test Data with DPLs](#) — the DPL mechanics.
- [2.5 - API Test Designer](#) — API testing in AIQ.
- [8.1 - AIQ Rest APIs](#) — the REST API reference.

Sources

- Appvance documentation — “JavaScript DPL” and “Using the DPLs”, docs.appvance.net.
- Appvance press release, October 7, 2025 — placement of the feature inside the Data Production Library.

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