Creating Your Own DPL Using JavaScript in AIQ.

Creating your own DPL requires Java programming skills and a familiarity with the DPL interface definition. It involves a two-step process: first, you need to implement the DPL main class; second, you need to define a new DPL type for Appvance IQ.

REMEMBER: This is only one of the many ways of creating DPLs (simulated data that can be used for Scripts, Scenarios, and more). If you want to learn more about how to create DPLs and integrate them, visit our LMS and watch these videos:

- https://academy.appvance.ai/mod/resource/view.php?id=211
- https://academy.appvance.ai/mod/resource/view.php?id=206

Also, if you are interested in reading external data (Excel, CSV, and others):

- https://academy.appvance.ai/mod/resource/view.php?id=206

The DPL Java class implements the standard DPL methods including getNextData, getDataByIndex, and more. It needs to implement the com.Appvance.tool.dpl.DataProduction interface. Here is an example:

```
import com.Appvance.tool.dpl.DataProduction;
public class SimpleDPL implements DataProduction {
public SimpleDPL() { }
public void setup(String data) {
System.out.println("This is a setup using data "+data);
}
public Object getData() { return null; }
public Object getRandomData() { return "RANDOM DATA"; }
public Object getNextData() { return "Simple data: getNextData"; }
public Object getDataByIndex(int index) {
return "Simple data: get data by index "+index;
}
public void tearDown() { }
```

```
}
```

Once you define and compile a custom DPL packaged into a .jar file, you should use the <DataSources> in a TScenario document to identify your new DPL type.

If you have any feedback on this topic, please contact us at documentation@appvance.ai

Last updated: October 15, 2026

Revision #7
Created 2026-07-31 15:09:38 UTC by Admin
Updated 2026-10-15 15:44:04 UTC by mmora