

Logging in JavaScript Adapters

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/adapters/server-side-log-collection/javascript-adapter/index.md>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

Overview

This tutorial provides the required code snippets in order to add logging capabilities in a JavaScript adapter.

Prerequisite: Make sure to read the overview of server-side log collection (...).

Server Setup

To set-up logging in JavaScript adapters:

1. In MobileFirst Operations Console select the **Settings** option from the sidebar navigation.
2. Click the **Edit** button in the **Runtime Properties** tab.
3. In the **Analytics** → **Additional packages** section, specify **MFP.Logger** to forward JavaScript Adapter logs to the MobileFirst Server.

The screenshot shows the MobileFirst Operations Console interface. The top navigation bar includes 'Analytics Console', 'Hello, admin', and an information icon. The left sidebar shows the navigation menu with 'Dashboard', 'mfp runtime', 'Applications (1)', 'Adapters (2)', 'Runtime Settings', 'Error Log', 'Devices', and 'Download Center'. The main content area is titled 'Runtime Settings' and has a breadcrumb 'Home > mfp > Runtime Settings'. It contains two tabs: 'Runtime Properties' (active) and 'Keystore'. The 'Runtime Properties' tab has a 'Read Only' button. Below the tabs, the 'Runtime Properties' section is visible. It includes a 'GZIP compression threshold for adapter responses' field with a value of 20480 and a description: 'Compression threshold, in bytes, from which the server tries to compress the MobileFirst adapter response if the client accepts gzip.' There are 'Save', 'Cancel', and 'Restore Default Values' buttons. The 'Analytics' section is also visible, showing 'Additional packages' with 'MFP.Logger' entered and a green checkmark, and a 'Data collection enabled' dropdown set to 'true'. It also has 'Save', 'Cancel', and 'Restore Default Values' buttons.

Logging example

The message below outputs to the `trace.log` file of the application server. If the server administrator is forwarding logs from the MobileFirst Server to the MobileFirst Analytics server the `logger` message will also appear in the Server Log Search view in the MobileFirst Analytics Console.

```
MFP.Logger.debug("This is a debug message from a JavaScript adapter");
```