

Logging in JavaScript Adapters

Overview

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

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");
```

Additional logging levels, from least to most verbose: ERROR, WARN, INFO, LOG and DEBUG.

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 a user icon. The left sidebar shows the navigation menu with 'Runtime Settings' selected. The main content area displays the 'Runtime Settings' page for the 'mfp' application. The 'Runtime Properties' tab is active, showing settings for 'Adapters'. The 'GZIP compression threshold for adapter responses' is set to 20480. The 'Analytics' section shows 'Additional packages' set to 'MFP.Logger' with a green checkmark, indicating it is correctly configured. The 'Data collection enabled' checkbox is checked. The page includes 'Save', 'Cancel', and 'Restore Default Values' buttons.