

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 displays the MobileFirst Operations Console interface. The top navigation bar includes the 'Analytics Console' link and a user profile 'Hello, admin'. The left sidebar shows the 'mfp runtime' section expanded, with 'Runtime Settings' selected. The main panel shows the 'Runtime Settings' page for the 'mfp' application. The 'Runtime Properties' tab is active, displaying a form for configuration. Under the 'Analytics' section, the 'Additional packages' field is populated with 'MFP.Logger', accompanied by a green checkmark. Below this, the 'Data collection enabled' dropdown is set to 'true'. The page includes 'Save', 'Cancel', and 'Restore Default Values' buttons at the bottom of the configuration sections.