

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 lists various navigation options, with 'Runtime Settings' currently selected. The main panel shows the 'Runtime Settings' configuration page, specifically the 'Runtime Properties' tab. This tab contains a form for configuring the runtime environment. Key sections include 'Adapters' with a 'GZIP compression threshold for adapter responses' set to 20480, and an 'Analytics' section. The 'Analytics' section features an 'Additional packages' field containing 'MFP.Logger', which is marked with a green checkmark, indicating it is correctly configured. Below this, the 'Data collection enabled' section has a dropdown menu set to 'true'. The page concludes with 'Save', 'Cancel', and 'Restore Default Values' buttons.