

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 the user 'Hello, admin'. The left sidebar shows the 'Runtime Settings' option selected under the 'mfp runtime' section. The main content area is titled 'Runtime Settings' and has three tabs: 'Runtime Properties', 'Keystore', and 'Confidential Clients'. The 'Runtime Properties' tab is active, showing a form for configuring the adapter. The form includes a section for 'Analytics' with an 'Additional packages' field containing 'MFP.Logger' and a green checkmark. Below this is a 'Data collection enabled' section with a dropdown set to 'true'. The page also includes a 'GZIP compression threshold for adapter responses' field set to '20480' and buttons for 'Save', 'Cancel', and 'Restore Default Values'.