

# 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 title 'MobileFirst Operations Console', a link to 'Analytics Console', a user profile 'Hello, admin', and a help icon. The left sidebar lists various navigation options: Dashboard, mfp runtime, Applications (1), PinCode, Adapters (2), Runtime Settings (highlighted), Error Log, Devices, and Download Center. The main content area is titled 'Runtime Settings' and contains three tabs: 'Runtime Properties', 'Keystore', and 'Confidential Clients'. The 'Runtime Properties' tab is selected, 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 has a top navigation bar with 'MobileFirst Operations Console', 'Analytics Console', 'Hello, admin', and a user icon. The bottom of the page has 'Save', 'Cancel', and 'Restore Default Values' buttons.