

# Logging in Java Adapters

## Overview

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

## Logging example

Import the java logging package:

```
import java.util.logging.Logger;
```

Define a logger:

```
static Logger logger = Logger.getLogger(JavaLoggerTestResource.class.getName());
```

Now inside a method include logging:

```
logger.warning("Logging warning message...");
```

This message 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 **Infrastructure → Server Log Search** view in the MobileFirst Analytics Console.

## 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 the class name of the Java adapter, for example `com.sample.JavaLoggerTestResource`, to forward logs to the MobileFirst Server.

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- Applications (1)

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PinCode
- Adapters (2)

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PinCodeAttempts

ResourceAdapter
- Runtime Settings
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- Devices
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Home > mf > Runtime Settings

Actions

Runtime Settings

- Runtime Properties
- Keystore
- Confidential Clients

Runtime Properties

Read Only

Adapters

GZIP compression threshold for adapter responses \*

20480

Compression threshold, in bytes, from which the server tries to compress the MobileFirst adapter response if the client accepts gzip.

- Save
- Cancel
- Restore Default Values

Analytics

Additional packages

adapterPackageName



A comma-separated list of packages that the logger uses to generate the output sent to the MobileFirst Analytics server.

Data collection enabled

true

Enables or disables collecting data about applications, adapters, devices, and logs to be sent to the analytics service.

- Save
- Cancel
- Restore Default Values