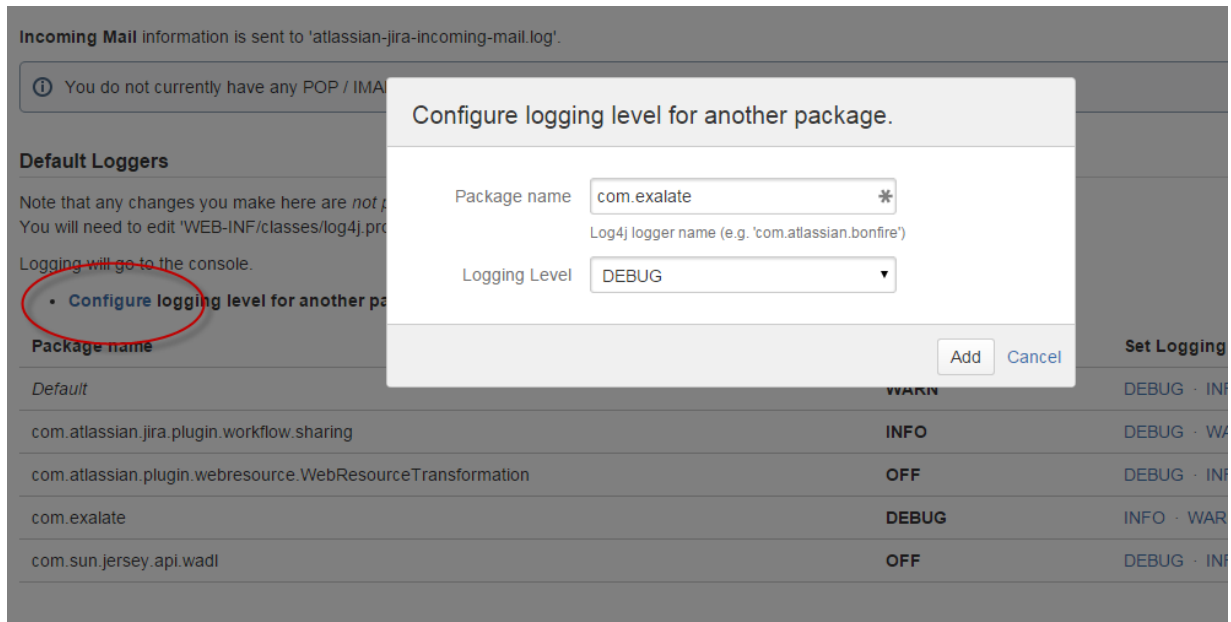


# How to Enable Debug Logging in Jira On-premise

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## How to enable temporary logging



The screenshot shows the Jira administration console. A modal dialog box titled "Configure logging level for another package." is open. It contains the following fields:

- Package name:  \*
- Log4j logger name (e.g. 'com.atlassian.bonfire'):
- Logging Level:

Buttons for "Add" and "Cancel" are at the bottom right of the dialog. In the background, the "Default Loggers" section is visible, with a link "Configure logging level for another package" circled in red.

Package name	Logging Level	Set Logging
Default	WARN	DEBUG · INF
com.atlassian.jira.plugin.workflow.sharing	INFO	DEBUG · WA
com.atlassian.plugin.webresource.WebResourceTransformation	OFF	DEBUG · INF
com.exalate	DEBUG	INFO · WAR
com.sun.jersey.api.wadl	OFF	DEBUG · INF

1. Access administration
2. Locate the 'Logging & Profiling' page in the System section
3. Locate the "Configure logging level for another package"
4. Enter 'com.exalate' as the package name
5. Select 'Debug' as the logging level

The addon will now start logging debug messages in the standard log (normally <JIRA-HOME>/log/atlassian-jira.log

For more details - check the documentation provided by Atlassian: [Logging and Profiling](#)

## How to Disable Debug Logging

1. Access administration
2. Locate the 'Logging & Profiling' page in the System section
3. Seek for com.exalate
4. Change logging level to 'WARN'

## How to Rotate Log Files

1. Access administration
2. Locate the 'Logging & Profiling' Page in the System section
3. Check the 'Log Rollover' checkbox

**Mark Logs**

Marking the logs during troubleshooting can be helpful for yourself and Atlassian Support. The mark will be applied to all the JIRA log files.

Optional Message

An optional message that will be written into the logs along with the mark.

Log Rollover

This will cause the logs to start in fresh new files

4. Click Mark

## How to Enable Permanent Logging

Open the log4j.properties file using a text editor such as notepad++ (windows) or vi (unix) and paste the following properties

to the end of the file. This file is located under <JIRA installation>/atlassian-jira/WEB-INF/classes/ (for JIRA standalone versions)

Then restart JIRA.

```
#####
# exalate DEV LOGGING JIRA 6.0 and higher
#####
log4j.appender.devlog=com.atlassian.jira.logging.JiraHomeAppender
log4j.appender.devlog.File=exalate-dev.log
log4j.appender.devlog.MaxFileSize=20480KB
log4j.appender.devlog.MaxBackupIndex=5
log4j.appender.devlog.layout=org.apache.log4j.PatternLayout
log4j.appender.devlog.layout.ConversionPattern=[%d] <%c{1}> %m%n

log4j.logger.com.exalate = DEBUG, devlog, console
log4j.additivity.com.exalate = false
```

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