

Tassel 5 Logging: Developer's Guide

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This logging setup is already in `TASSELMainApp` and `TasselPipeline` for general handling of logging messages. It's rarely needed to commit `main()` methods or calls to these logging utilities. This is for testing and debugging only.

Setting Up Logging

```
public static void main(String[] args) {
    LoggingUtils.setupLogging();
    ...
}
```

Setting Up Debug Logging

```
public static void main(String[] args) {
    LoggingUtils.setupDebugLogging();
    ...
}
```

Sending Logging to a File

```
public static void main(String[] args) {
    try {
        // or setupDebugLogfile("filename")
        LoggingUtils.setupLogfile("filename");
        ...
    } catch (FileNotFoundException e) {
        // handle exception
    } finally {
        LoggingUtils.closeLogfile();
    }
}
```

Setting Debug or Standard Logging from Tassel Pipeline

```
./run_pipeline.pl -debug [<filename>]...
./run_pipeline.pl -log [<filename>]...
```

To Make Logging Messages Debug Level

```
// do this instead of exception.printStackTrace();
myLogger.debug(exception.getMessage(), exception);
or
myLogger.debug("variable value: " + var);
```