

Committer's Guide

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This page serves as a gather spot for all information for committers to Apache ServiceMix. It is requested that all committers comply with the following guidelines.

Code Style

- Before committing anything, please see the [Coding standards](#).
 - These code standards are enforced in most areas of the codebase via the [maven-checkstyle-plugin](#) and the [maven-pmd-plugin](#). Just make sure to build your code before committing.

Subversion Client Configuration

- Please see the [Subversion client EOL configuration](#).

Documentation

- All major commits **must** be associated with a JIRA issue.
 - The commit log should begin with the JIRA issue number. For a good example, see this [Log Message](#).
 - If there are multiple commits for a JIRA issue, each commit log should begin with the JIRA issue number.
- All committed code **must** be properly documented.
 - If you are working on a piece of code that is undocumented or poorly documented, please take the time to document it properly before committing!
 - This includes Javadoc and regular comments. If you need an example of good documentation, take a peek at the [Spring source code](#). Here is the [Spring AbstractJmsListeningContainer](#)

Unit Tests

- All major code additions and changes should be accompanied by a unit test.
 - This allows all issues to be proven in future builds.
- Unit tests should provide as much coverage as possible.
 - The goal is to cover 100% of the codebase. This is enforced much easier on ServiceMix 4.0 than the existing ServiceMix 3.0 codebase.

Licensing and Copyright

- All new source file submissions **must** include the Apache License in a comment at the head of the file.
 - Below is an example for use in Java files. Other file types may need to change the comment style.

```
/*
 * Licensed to the Apache Software Foundation (ASF) under one or more
 * contributor license agreements. See the NOTICE file distributed with
 * this work for additional information regarding copyright ownership.
 * The ASF licenses this file to You under the Apache License, Version 2.0
 * (the "License"); you may not use this file except in compliance with
 * the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

- All contributions **must** comply with the terms of the [Apache Contributor License Agreement \(CLA\)](#).
- Any questions about copyright or patent issues should be raised on the dev mailing list **before** contributing or committing code.

Miscellaneous

- If you need to experiment with something and you want to commit your code, just create a branch in the Subversion repo.
- If you are troubleshooting a problem, stop to create a unit test first. Then you'll have something to commit.