

# Developers Quick Hack Sheet

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### Get the Code

#### For Sqoop1:

```
git clone https://github.com/apache/sqoop.git sqoop-local
cd sqoop-local
git checkout trunk
```

#### For Sqoop2:

```
git clone https://github.com/apache/sqoop.git sqoop-local
cd sqoop-local
git checkout sqoop2
```

- If you want to fix a issue, grab the Jira (<https://issues.apache.org/jira/browse/SQOOP>) you want to fix
- If you have a new feature / improvement, open a new Jira with the Tag "Improvement" / "Feature"

### Work With Your Code

- Make your code changes
- Test. Test again and we forget to mention: Test
- If your code change works make a patch

```
git diff > /Path/to/your/patch/JIRA-ID.patch
```

- If you want to work at other patches, go and stash your work:

```
git stash (will save your branch and reset the working directory)
```

- Attach the file to the jira
- Open a review request at <https://reviews.apache.org> against sqoop-trunk (or sqoop2 when for sqoop2)
  - Fill in the field Bug-ID the Jira-ID to link both together
  - Explain your code
  - Add unit tests
    - please note, patches without a working unit test will be rejected and not committed
  - fill out all the fields
  - Check your Diff by clicking "View Diff"
    - if you see some red fields, check your syntax and fix this please
  - review your request
  - publish
- Post the review link into the Jira
- Write Notes into the Jira, regarding your work

**Thank you for contributing Sqoop!**