

# Git – Maintaining Proper Revision History

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# Introduction

- Streamline the commit messages, branch names
- Helps in maintaining the uniform commit history.
- Everyone mandate to follow the guidelines 100%
- Approach me (Girish) if any questions or doubts

# Git Commit Message

- If Task worked based on Redmine Ticket

```
$> git commit -m "RDMN-12345 commit message"
```

- If Task worked based on JIRA Ticket

```
$> git commit -m "NPP-123 commit message"
```

Commit message – this could be small description about the task you worked on should not cross more than 80 chars.

You could commit multiple times against same task or ticket, make sure each commit you have unique commit messages which will convey the work done.



# Sample Commit

nxp / payment-platform

## Commits



cloud-hsm-integration ▾ ...

Author	Commit	Message	Commit date	Issues
 Girish Padki	<a href="#">807cde44f35</a>	<a href="#">RDMN-41798</a> added sample log files	A moment ago	<a href="#">RDMN-41798</a>
 Girish Padki	<a href="#">a95fad43a80</a>	<a href="#">RDMN-41798</a> Added RSA encryption, decryption implementations	1 min ago	<a href="#">RDMN-41798</a>

# Change Commit Message

- If the commit only exists in your local repository and has not been pushed to GitHub, you can amend the commit message with the `git commit --amend` command.
  - On the command line, navigate to the repository that contains the commit you want to amend.
  - Type `"git commit --amend"` and press **Enter**.
  - In your text editor, edit the commit message and save the commit.

# Branch Names

- If Ticket from Redmine and is Bug

RDMN-123-ui-issue-fixes

- If Ticket from Redmine and is Task

RDMN-125-sso-implementation

- If Ticket from JIRA and is Bug

NPP-15-login-issue

- If Ticket from JIRA and is Task

NPP-15-login-support-sso

# Branch Names

- Branch name should start with ticket number
- Each words should be small letter and separated by '-' hypen
- After ticket number, branch description should not cross 3 words

# Thank You.