

# Git and SVN

All about Git and SVN

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# Patching with Git

## Creating a Patch

### Patch for Working Copy (Not Committed)

```
git diff > patch.diff
```

### Patch from one commit to another

```
git diff <from-commit-hash> <to-commit-hash> > patch.diff
```

## Patching a Project Generated from `git diff`

Applying a Patch: `git apply patch.diff`

## Solution for Whitespace Errors

```
git apply --ignore-space-change --ignore-whitespace patch.diff
```

Make sure that you removed whitespaces from both patch file and from the files you are going to patch.

## References:

1. [Whitespace errors](#)
2. [Applying git patch](#)

# Solving Cryptic SVN Errors

## SVN File already exists error

```
svn update path/ --accept=mine-full
```