

# Alternatives

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## Update alternatives

In this exercise, we will provide a more advanced version of `cpt-build-tut-01`, but we wish them to coexist. We will configure update alternatives to let us do this.

## Important Files

`/debian/postinst` Executed after installation with the `configure` target, here we call `update-alternatives` with the appropriate command to update the symlink for `cpt-build-tut-01`. The command in the postinstallation file sets up the necessary link.

`/debian/postrm` For the targets of remove, upgrade, and deconfigure we wish to remove the alternative we set for `cpt-build-tut-01`.

## Exercise

After you install your programme, you'll want to add your new alternatives. Do so with:

```
update-alternatives --install \\  
    /usr/bin/cpt-build-tut-01 cpt-build-tut-01 /usr/bin/cpt-build-tut-01v2 300
```

After you remove your programme, you'll want to fix the alternatives. Do so with the command:

```
update-alternatives --remove cpt-build-tut-01 /usr/bin/cpt-build-tut-01v2
```

## Building

```
cd files  
dpkg-buildpackage
```