

# Git-buildpackage BoF

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- ▶ buildpackage
- ▶ import-orig
- ▶ git-pbuilder
- ▶ pq
- ▶ dch
- ▶ pull/clone
- ▶ import-dsc{,s}
- ▶ create-remote-repo
- ▶ config

# Frequently used?

- ▶ Commands

```
gbp import-orig --uscan
gbp import-orig --download https://
gbp pq import --time-machine=3
gbp buildpackage --git-pristine-tar-commit
gbp config buildpackage
```

- ▶ Superseded by dgit?

```
gbp import-dsc --download foo/sid
gbp import-dscs --debsnap
```

- ▶ {Bash,Zsh} completion

## “Recent” changes

- ▶ Consistent *gbp* supercommand
- ▶ *gbp* config
- ▶ DEP-14

```
gbp buildpackage --git-dist=DEP14
```

- ▶ *import-orig*

```
gbp import-orig --merge-mode=replace
```

- ▶ Initial RPM support (*import-srpm*, *pq-rpm*)
- ▶ Bare repository support
- ▶ Detached HEAD support

# Ongoing changes

- ▶ Python3 support
- ▶ merge rpm support

## import-orig

- ▶ Rollback on failure
- ▶ import-orig vs. source format 3.0 (#700411)
- ▶ anything else?

# Patch handling

- ▶ Tag pq branch
- ▶ automatic rebase before export
- ▶ DEP-3
- ▶ anything else?

# What else?

- ▶ better dfsg branch support?
- ▶ multiple tarball support - which workflow
  - ▶ submodules
  - ▶ detached trees
- ▶ rpm: mock support



# Howto hack

- ▶ unittests

```
python setup.py nosetests
```

- ▶ Component tests

```
git submodule update --init
```

- ▶ Building the docs:

```
make -C docs
```

- ▶ API docs

# Build tool integration

- ▶ sbuild?
- ▶ better interaction with builders
  - ▶ What kind of error happened (404)
  - ▶ Caching unpacked chroots
- ▶ dgit integration