Contributing to SageMath

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1 Contributing to SageMath: git and trac

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1.1 Development Sites

1.1.1 General Information

http://sagemath.org/development.html

1.1.2 SageMath's Developer Guide

http://www.sagemath.org/doc/developer/index.html

1.2 The Trac Server

http://trac.sagemath.org/

1.3 Changing Code

1.3.1 Building Changes

```
sage -br
```

1.3.2 Creating a Snapshot

```
git checkout -b name/of/branch
git commit --all
```

1.4 Doctesting

```
sage -t
sage -coverage
```

1.5 Push/Pull changes to/from Trac

1.5.1 Get Changes

```
git fetch trac
git merge name/of/branch
```

or

```
git pull trac name/of/branch
```

1.5.2 Pushing Changes Manually

```
git push trac name/of/branch:trac/branch/name
```

1.5.3 More Comfort

```
git trac push 12345
```