Tidying Repositories

As your project grows through a series of commits, your repository may grow large in size. You can optimize and compact your repository by issuing **git gc**, as in:

```
13

9

10

11

12

6

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8

3

4

5

1

2

29M     total

Total 8 (delta 2), reused 0 (delta 0)


$ du -shc .git

29M     .git

Counting objects: 8, done.

Compressing objects: 100% (8/8), done.

Writing objects: 100% (8/8), done.

47M     total
```

```
$ git gc

$ du -shc .git

47M       .
```

where **gc** stands for garbage collection.

You can also check your repository for certain kinds of errors with the command **git fsck**. The most likely and harmless errors it will find will be dangling objects; while these are sometimes useful for recovering corrupted repositories, they can generally be safely removed with **git prune** as in:

```
1

2

$ git prune -n

$ git prune
```

where the first command just checks to see what would be done, and if you are happy with it, you can issue the second pruning command.