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📁 git

What is taking up so much space in my git repository?

August 17, 2017 | by nachoparker

This can be a common task, but I always forget the exact commands and have to go on an internet hunt if its not on the history of the machine I am using.

Two steps:

Find the biggest five blobs

```
$ git verify-pack -v .git/objects/pack/*.idx | sort -k 3 -n | tail -5
ad293261c761f56e388279ea80806a8f6522fa7d blob   25281 16181 394018
28254a0c9161d63c5375f2cb6b05cd2d7e1954a6 blob   29741 7138 563333
d37caac154fedd0126b83afef8d26cc2c3c11f41 blob   41966 40508 269339
c8df81fb8671a747cd2e308dee0f76c678bc3ffa blob   137496 105526 413219
ceb7aaf4723990ba0007a1c018c414a338180a37 blob   187282 161105 108234
```

In this case, blob ceb7aaf4723990ba0007a1c018c414a338180a37 is the biggest, as it uses 187282/1024=183 KB

What file is this blob?

```
$ git rev-list --objects --all | grep ceb7aaf4723990ba0007a1c018c414a338180a37
ceb7aaf4723990ba0007a1c018c414a338180a37 resources/ncp-config.jpg
```

There we have it. Now, if we want to free the space, we can use git forget-blob

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