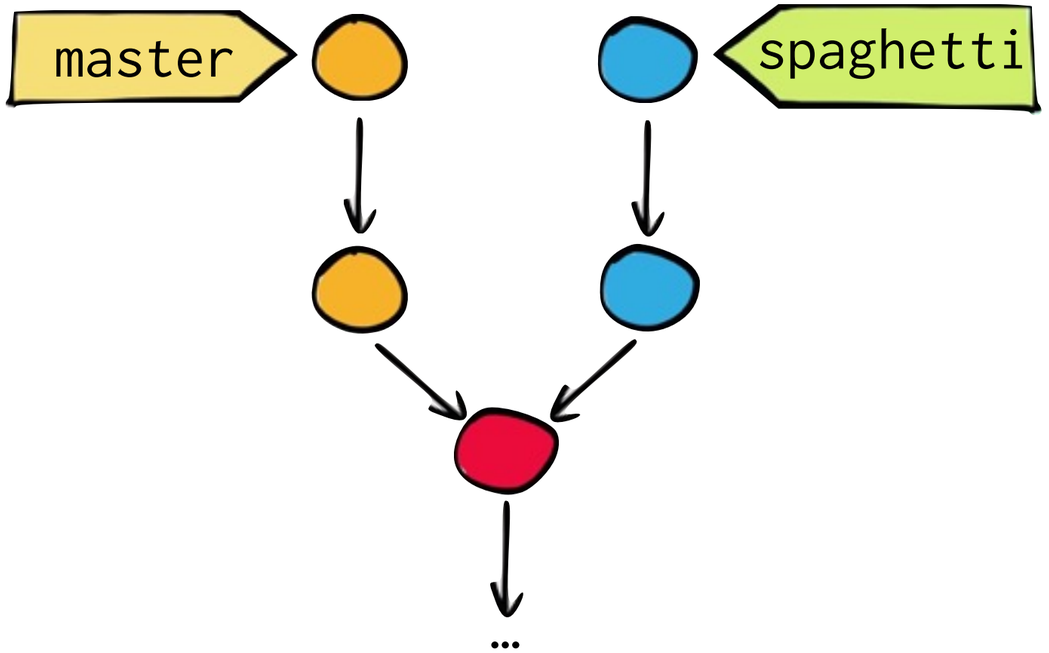
Rebasing Made Simple

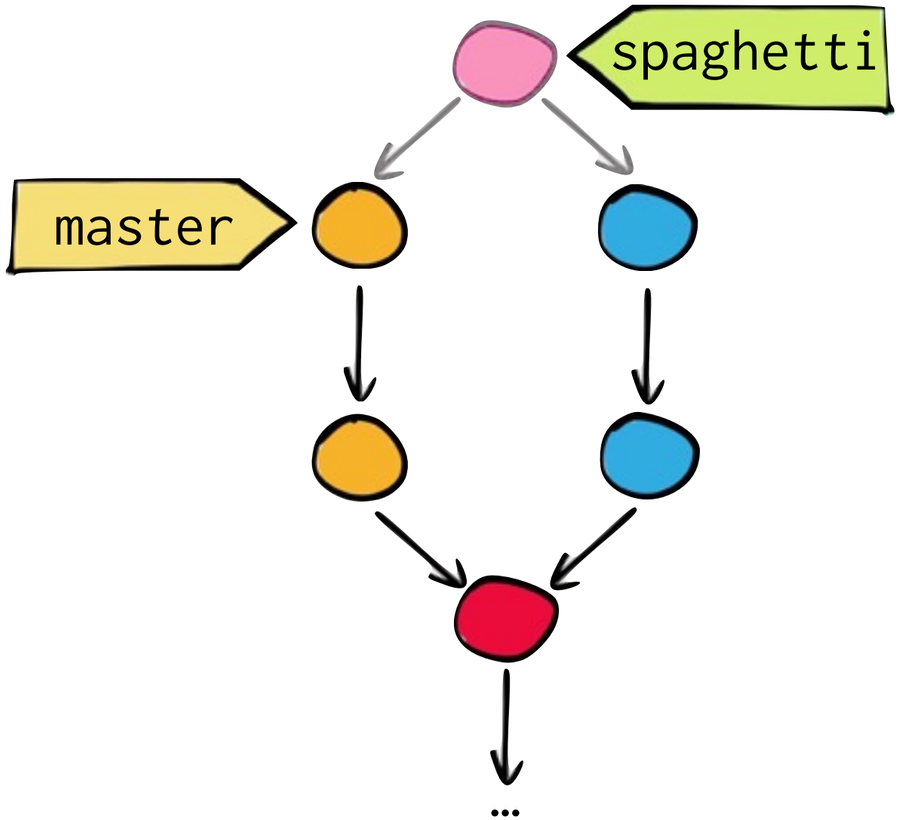
Paolo Perrotta

@nusco

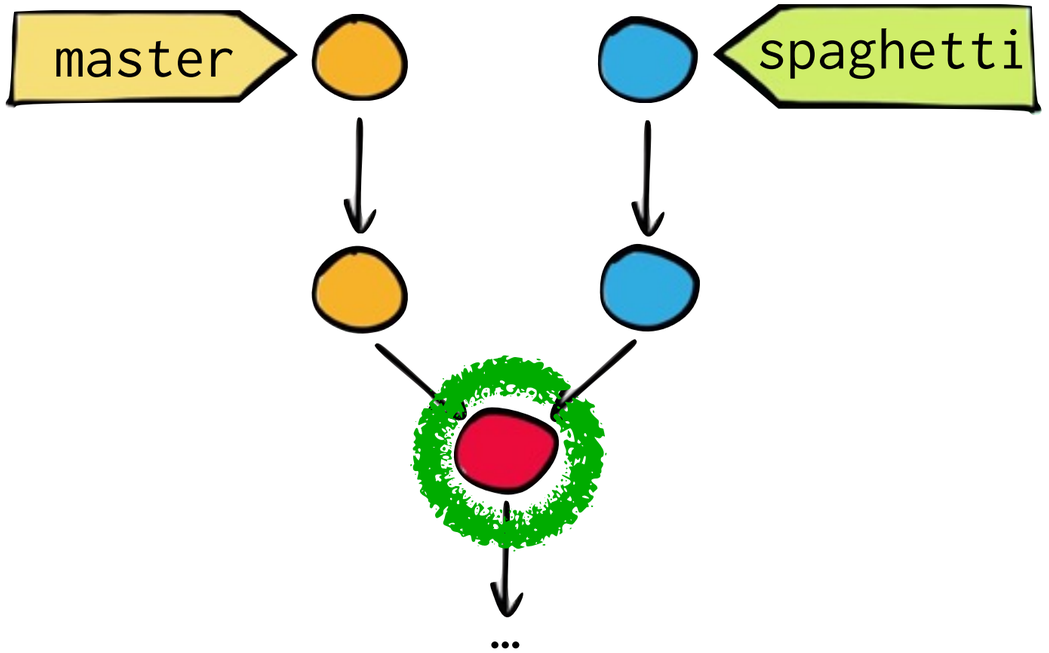
Two Branches



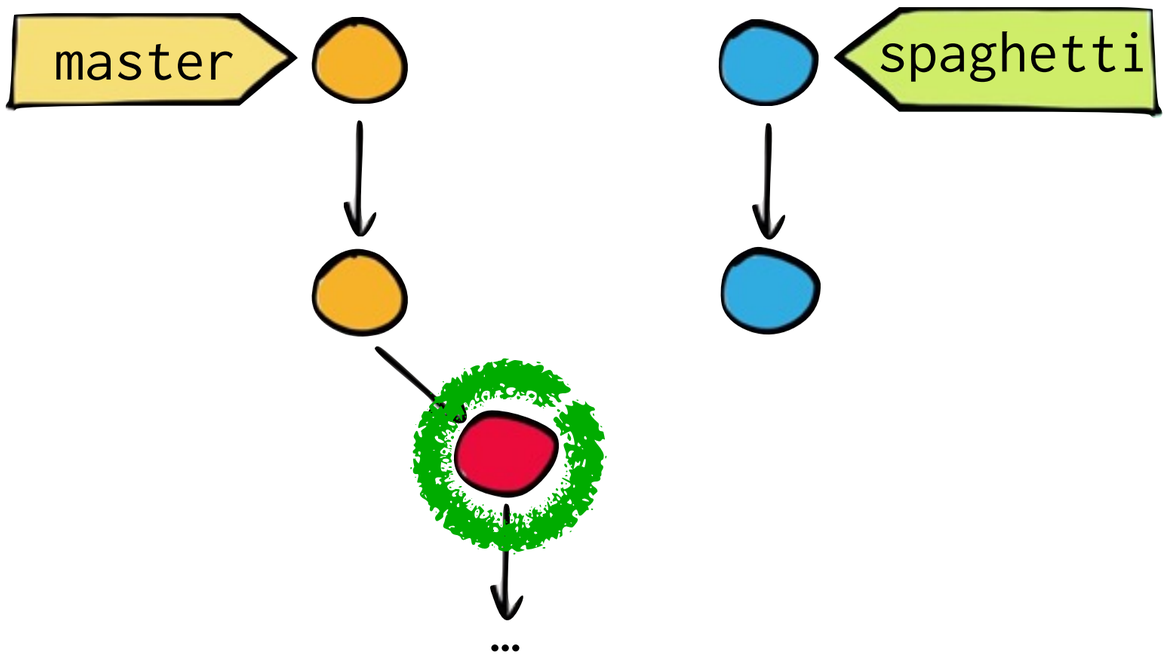
Merge



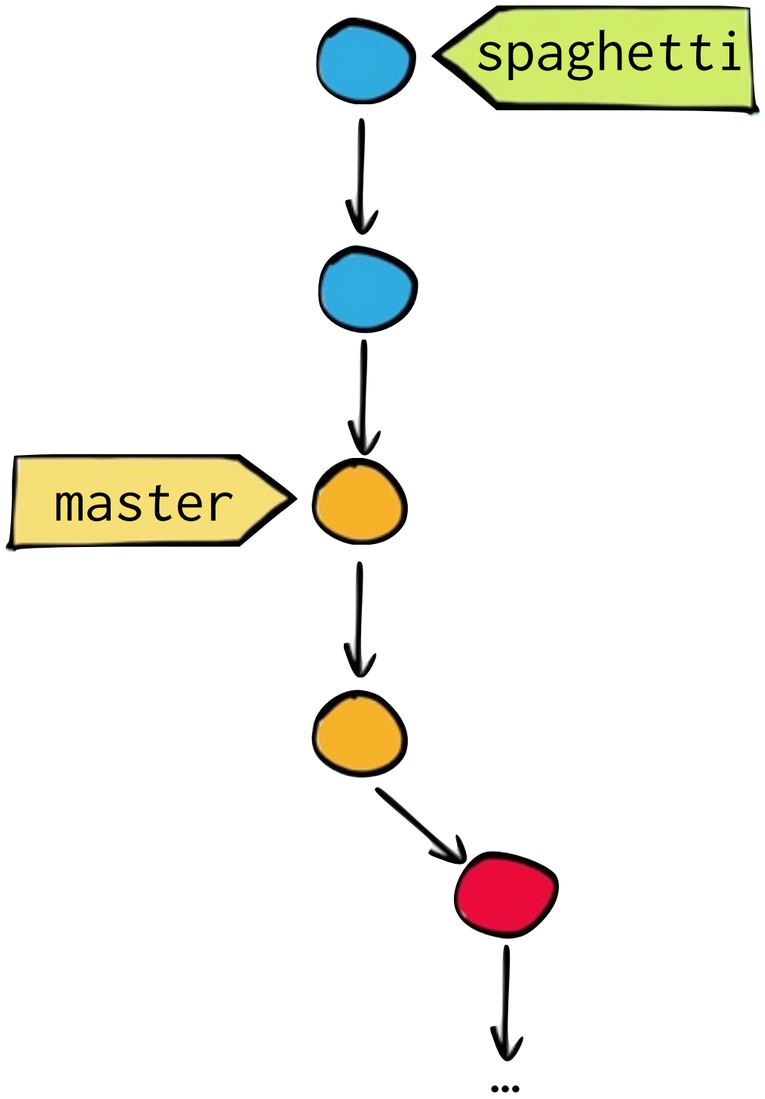
Rebase



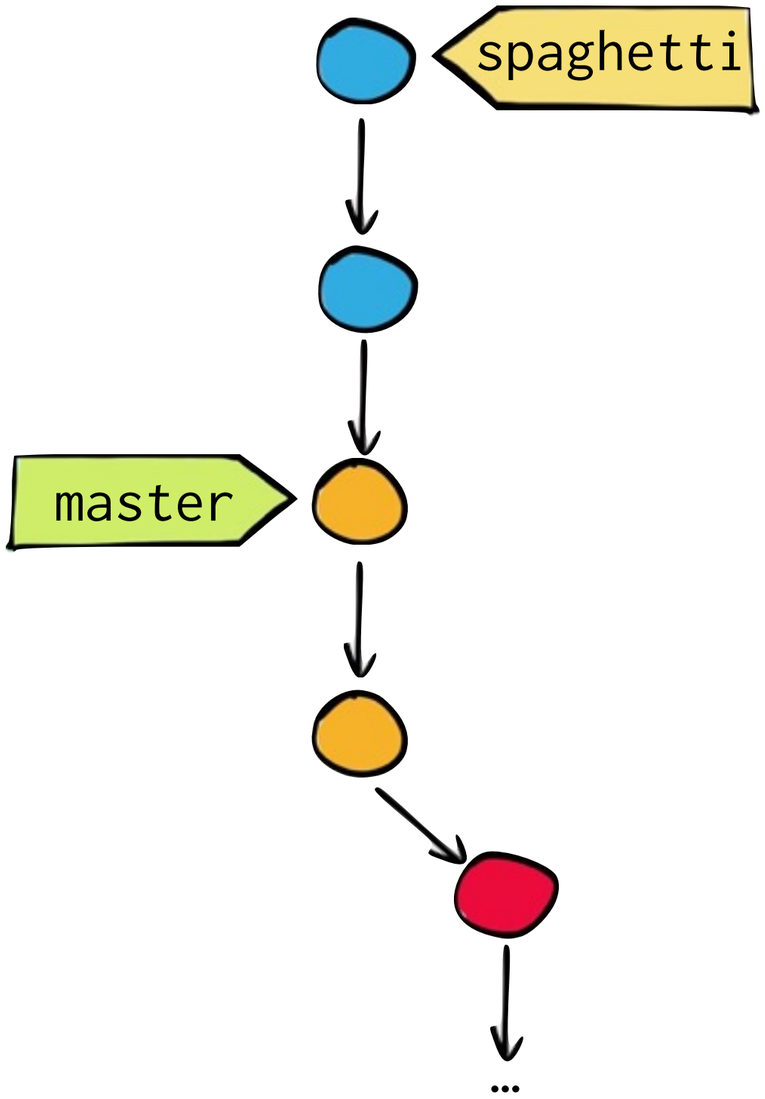
Rebase



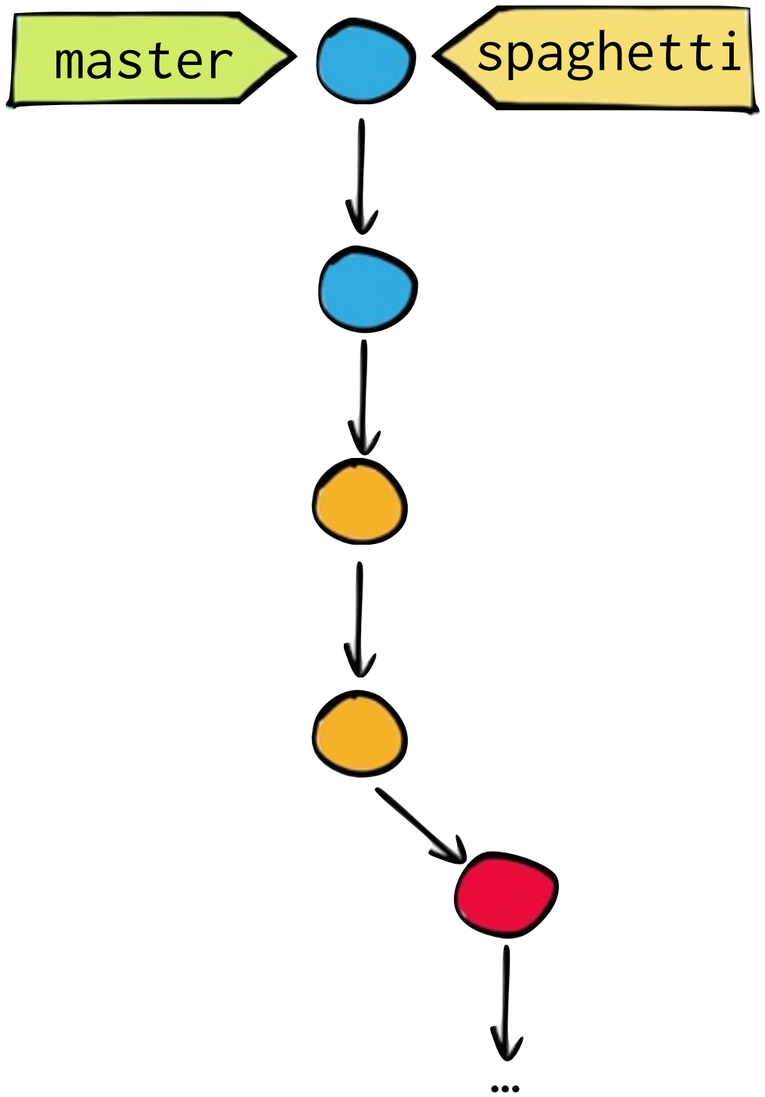
Rebase



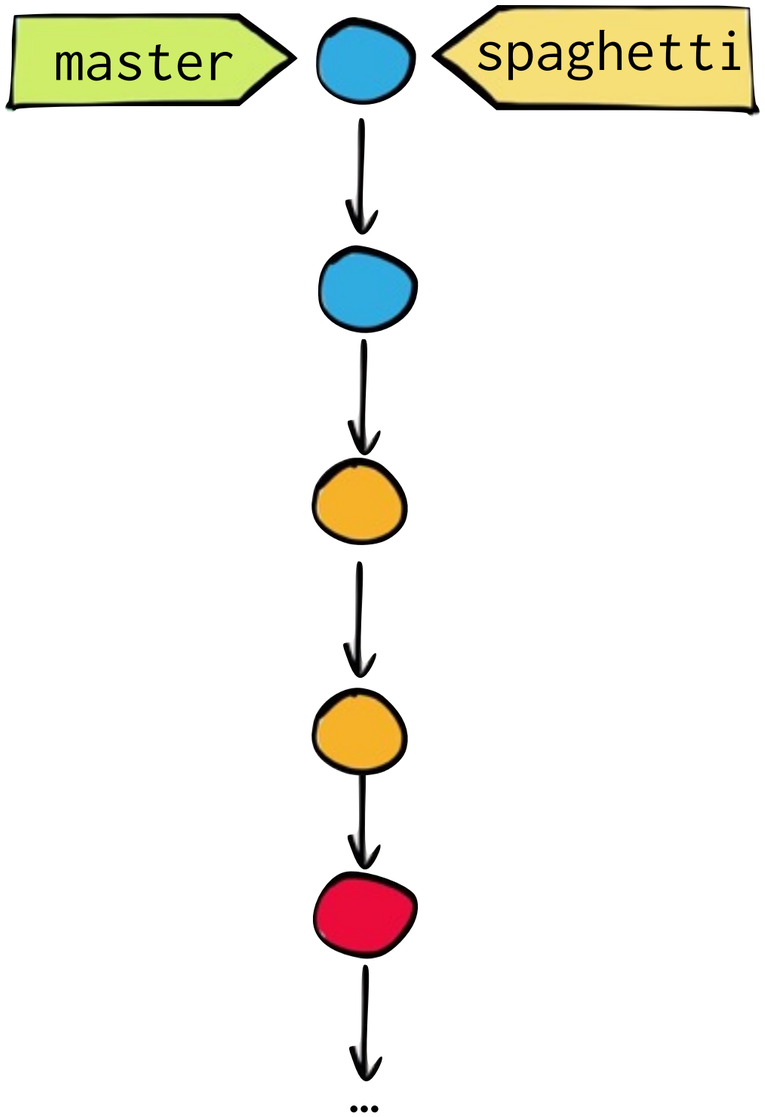
Checkout

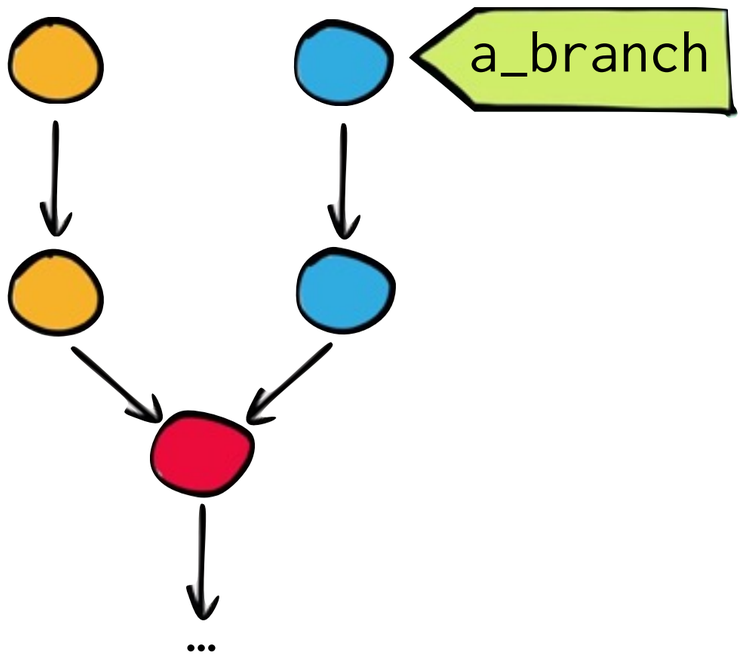


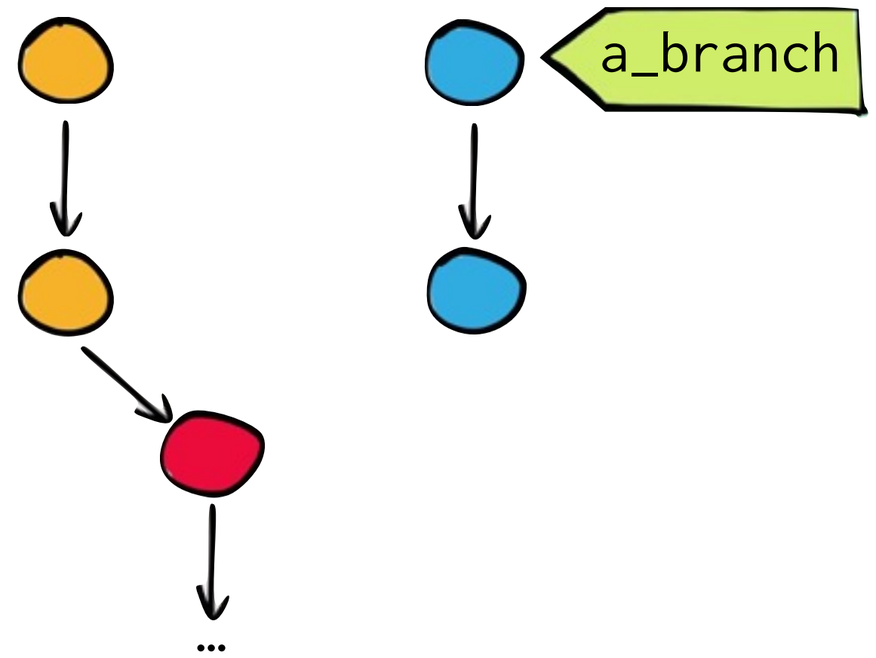
Rebase (with Fast-forward)

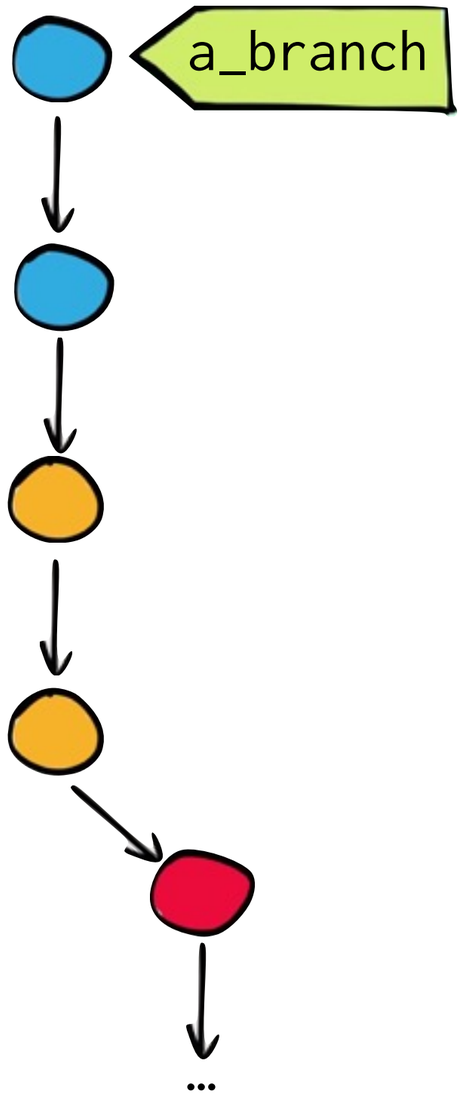


After a Rebase




a_branch
...


a_branch
...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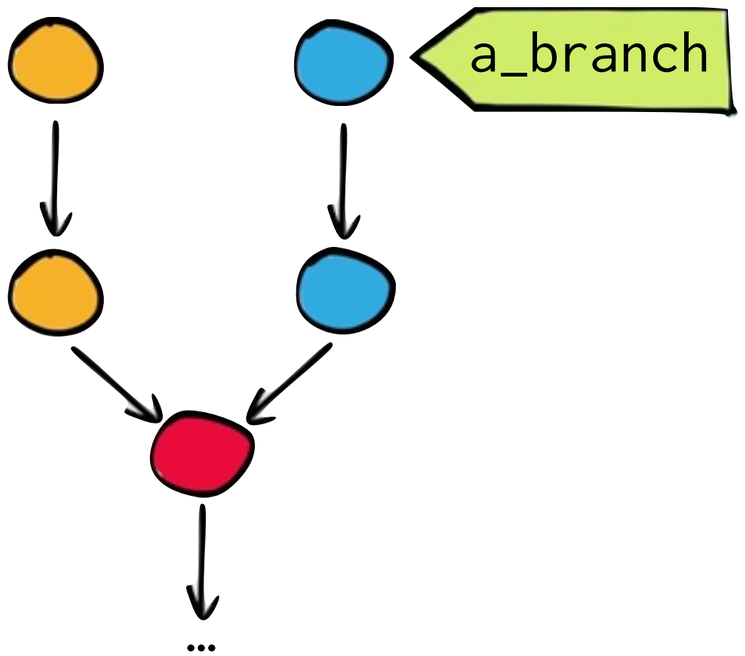
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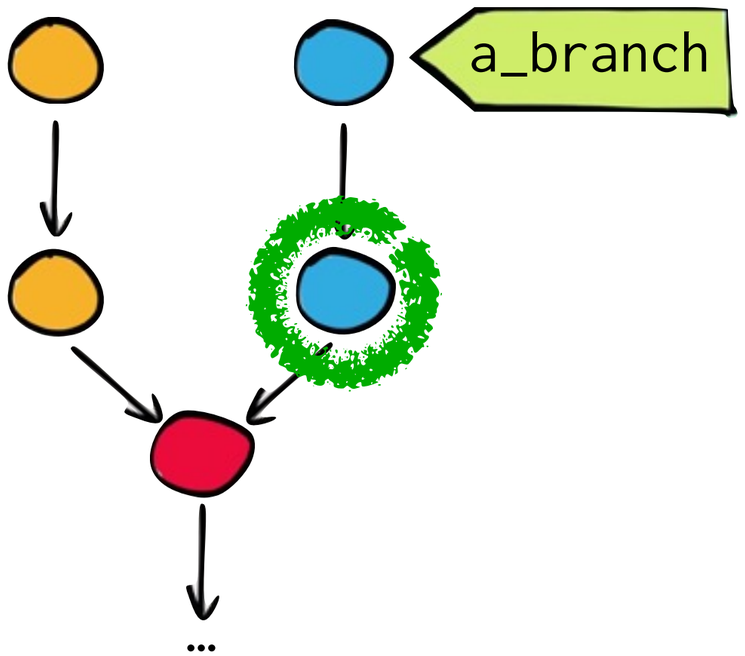
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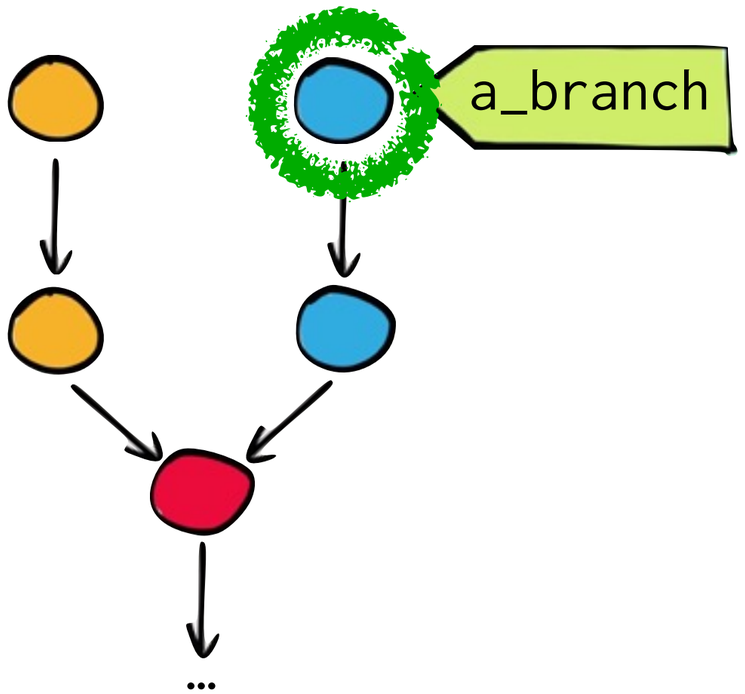
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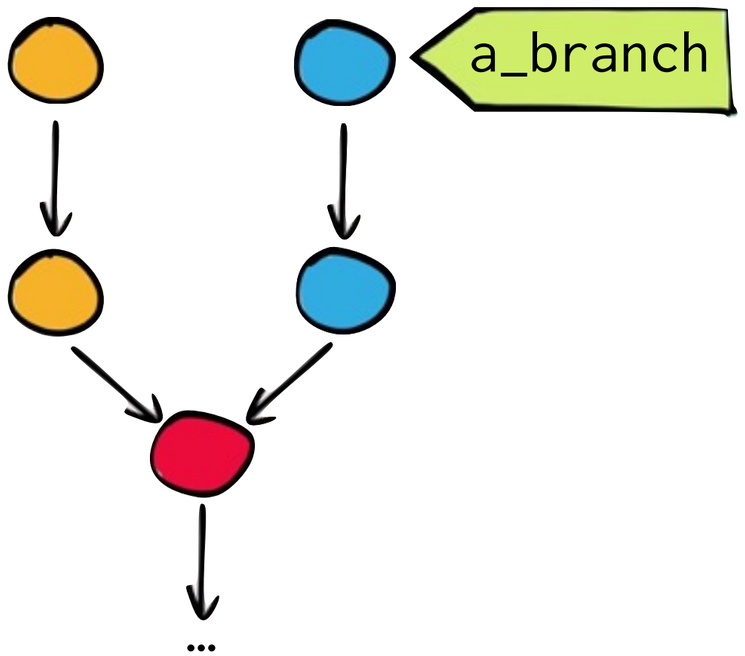
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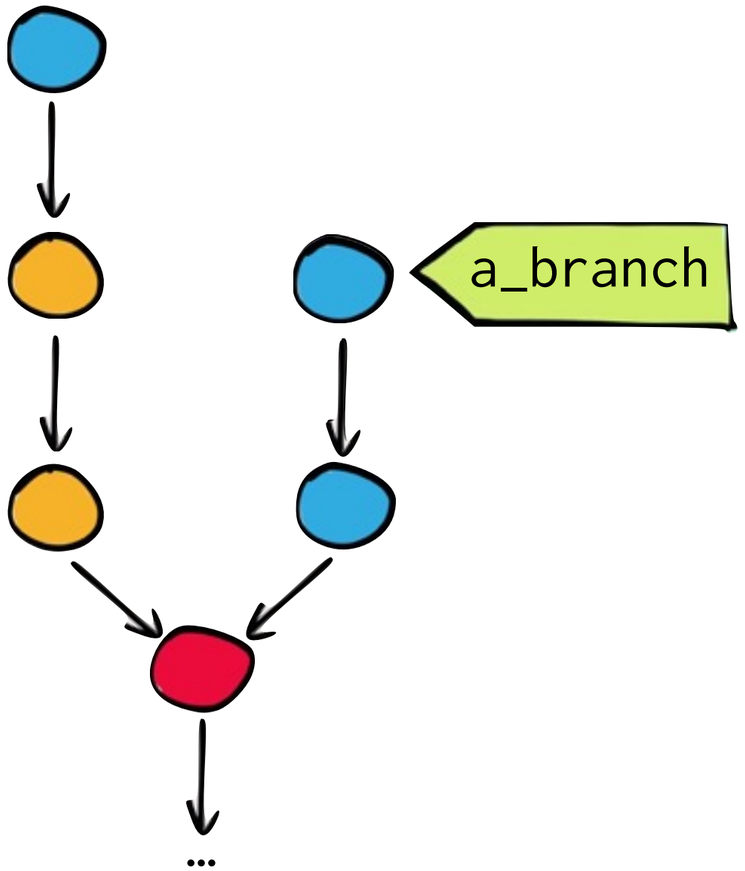
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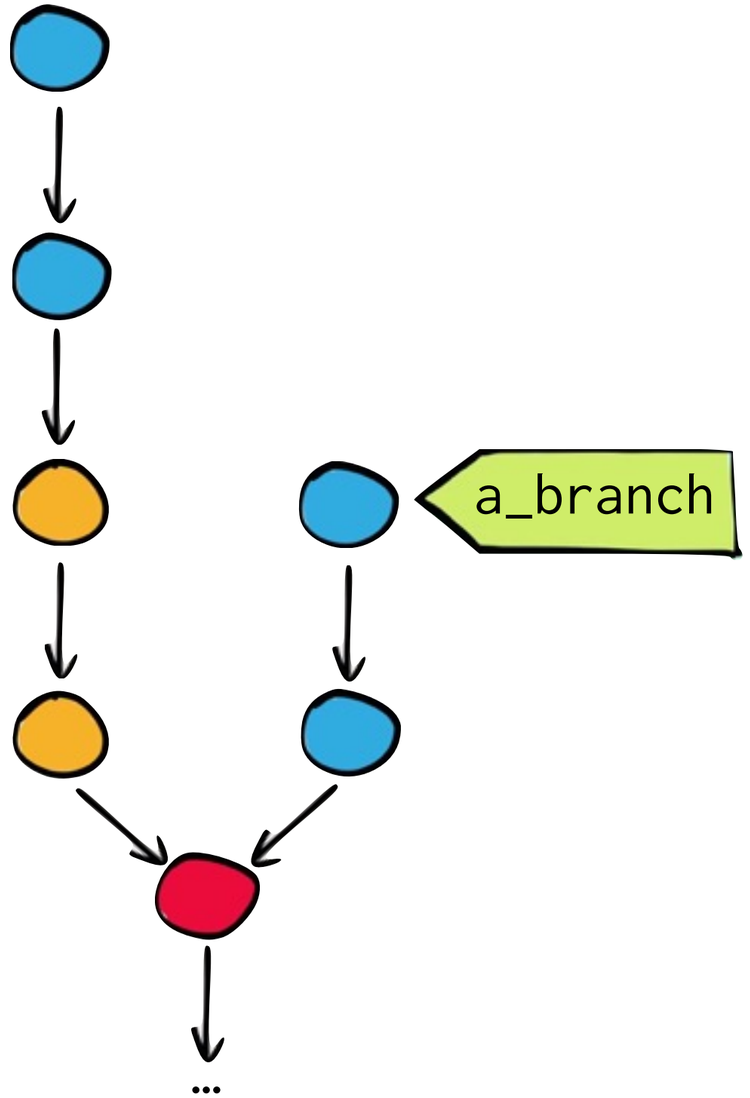
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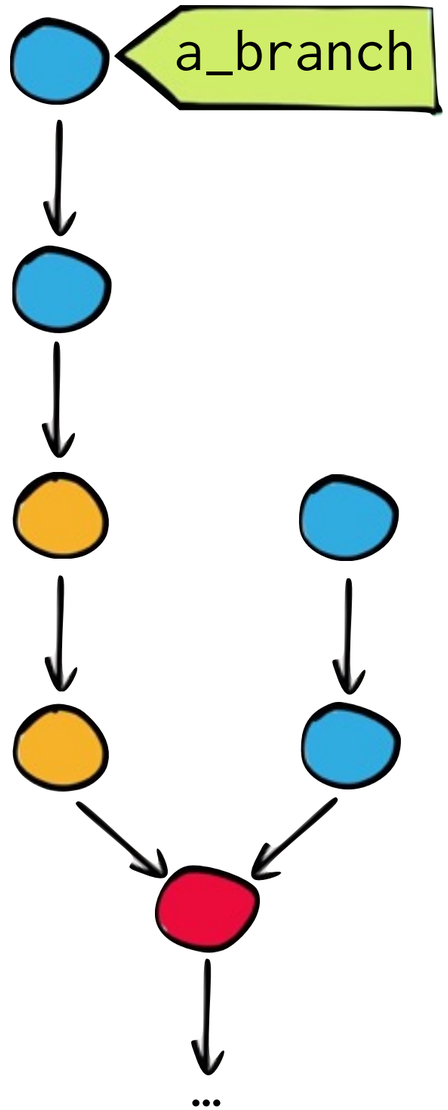
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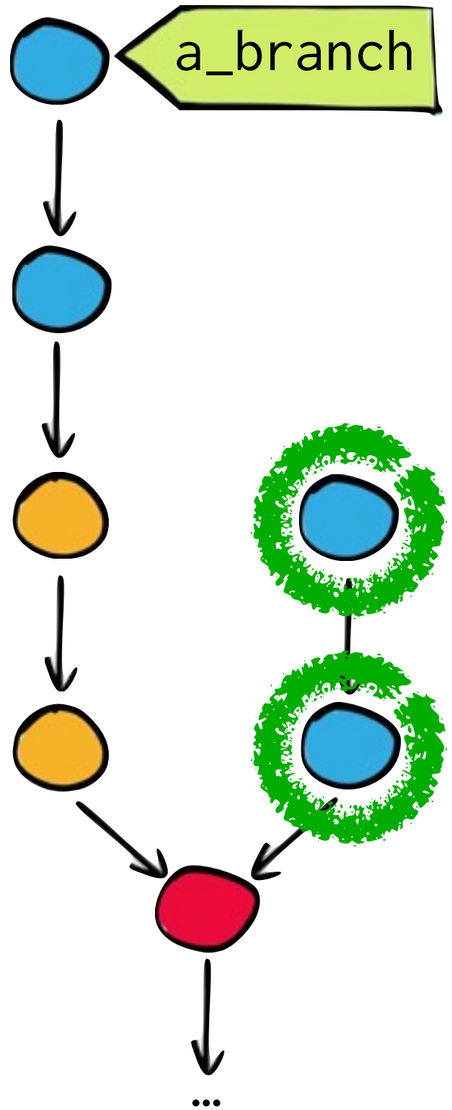
a_branch
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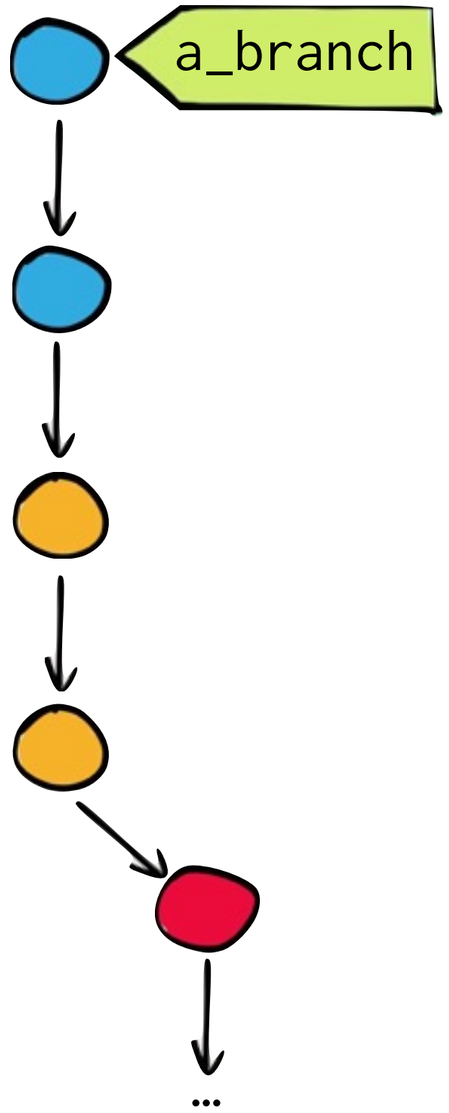
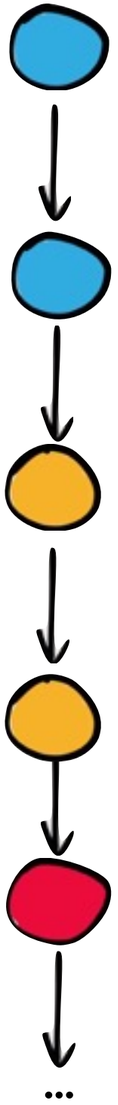
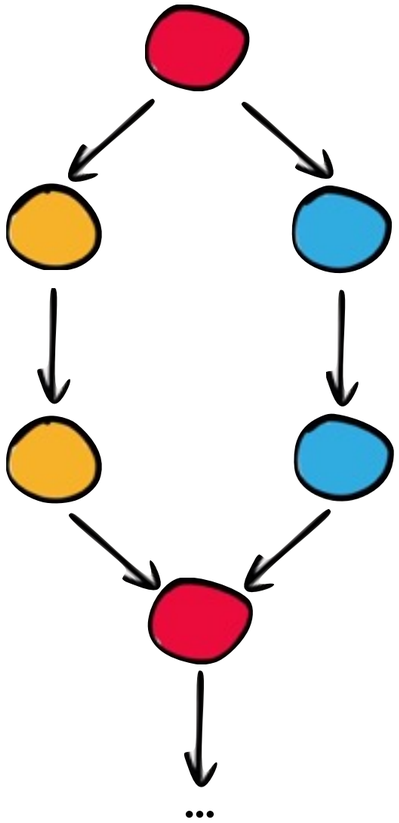

a_branch
...

Git garbage-collects
unreachable objects.

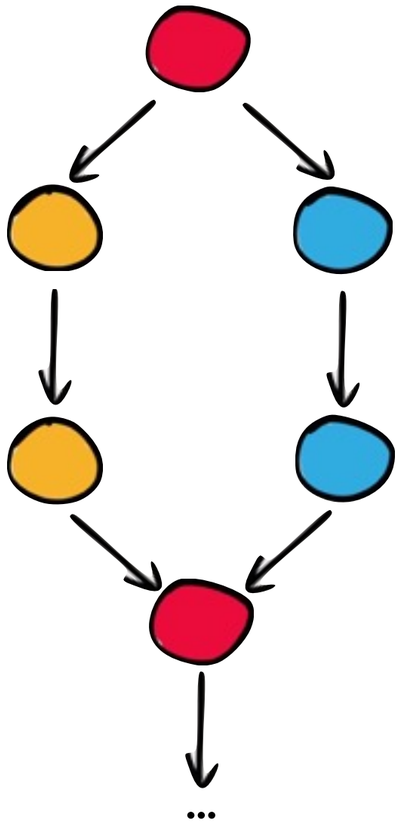
Rebase



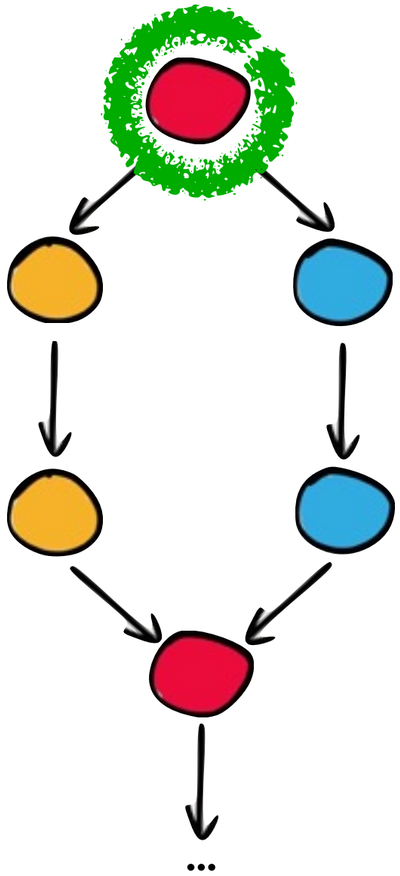
Merge



Merge

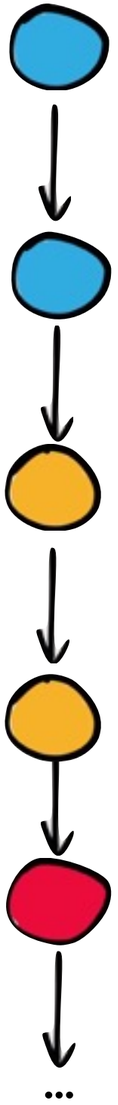


Merge

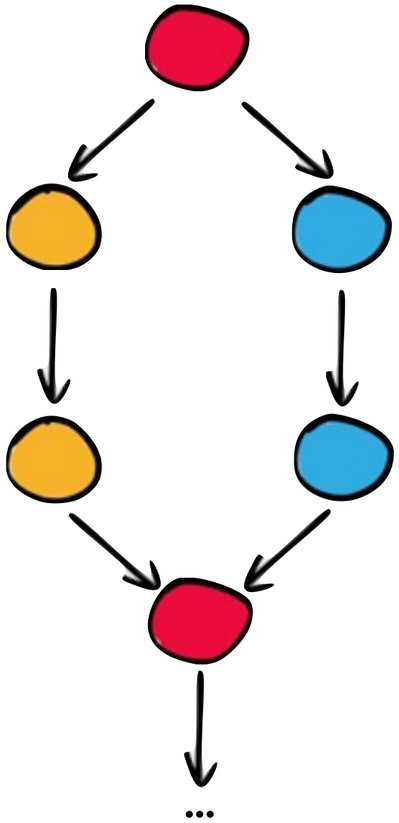


Merges preserve history.

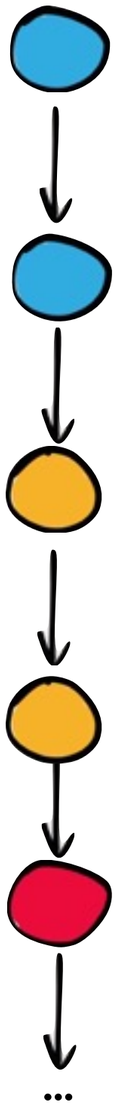
Rebase



Merge



Rebase



Rebases refactor history.

When in doubt, just merge.

Git has two kinds of tags.

A tag is like a
branch that doesn’t move.

Git Is..

…a Stupid Content Tracker

Git Is..

…a Revision Control System