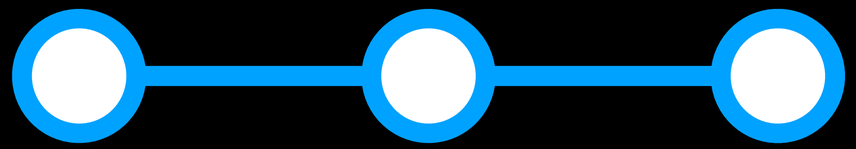
Web Programming with Python and JavaScript

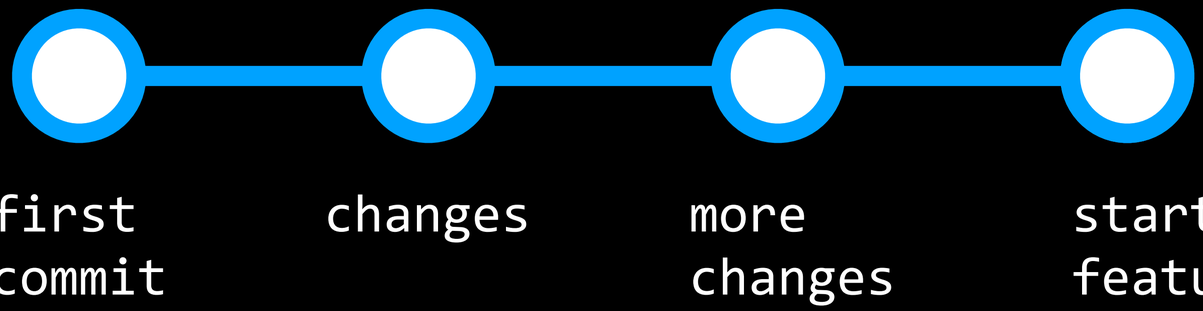
Git

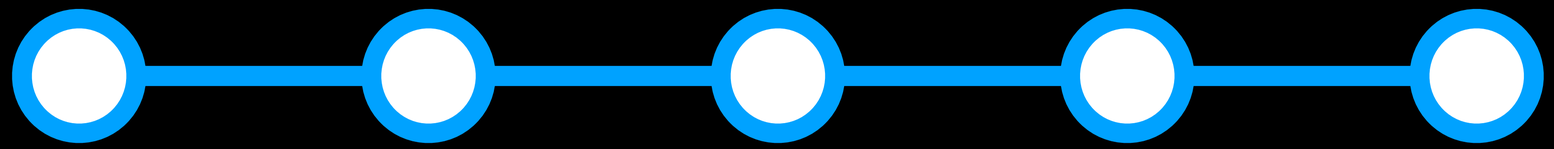
first
commit

first commit

changes


first
commit
changes
more
changes


first commit
changes
more changes
start new feature

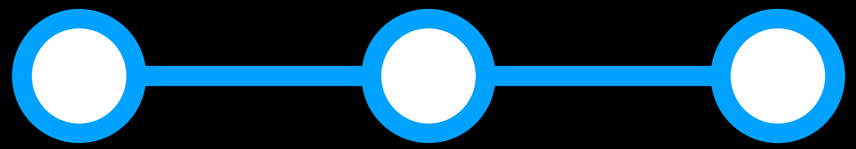

first commit
changes
more changes
start new feature
keep working on new feature

Branching

first
commit

first commit

changes


first
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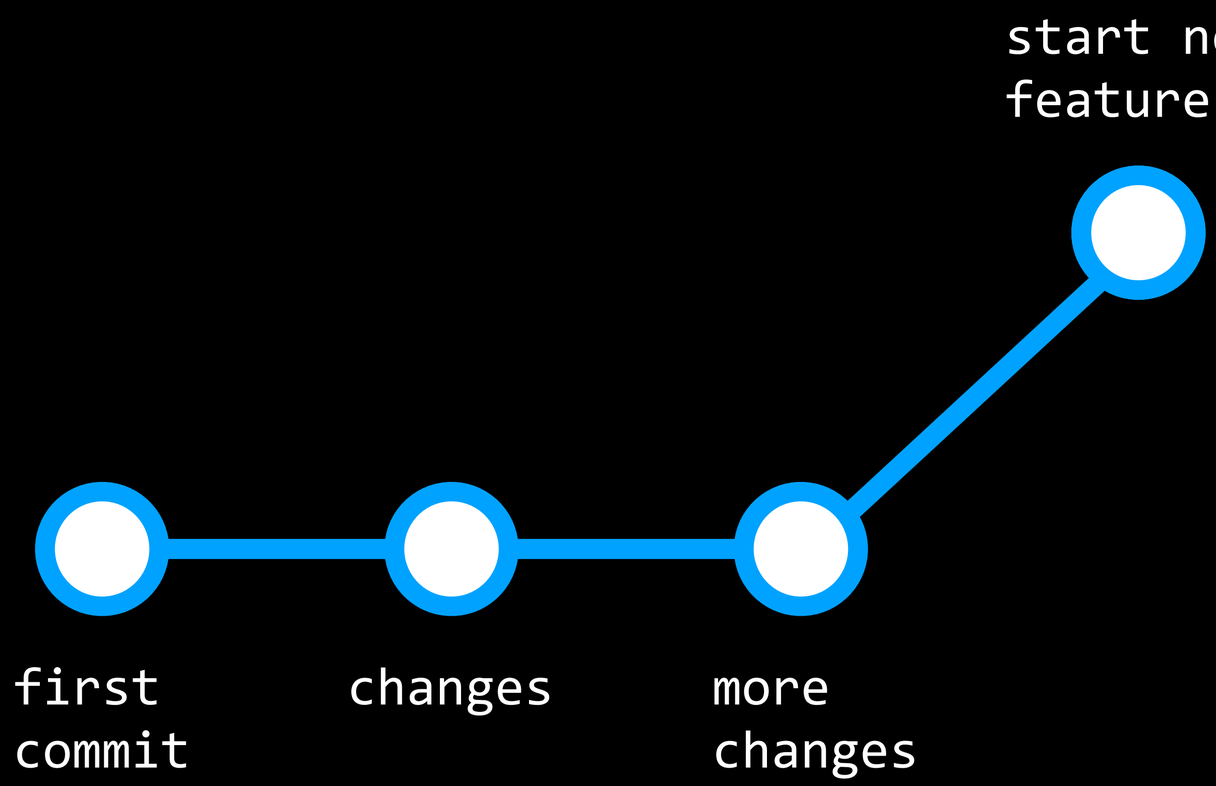
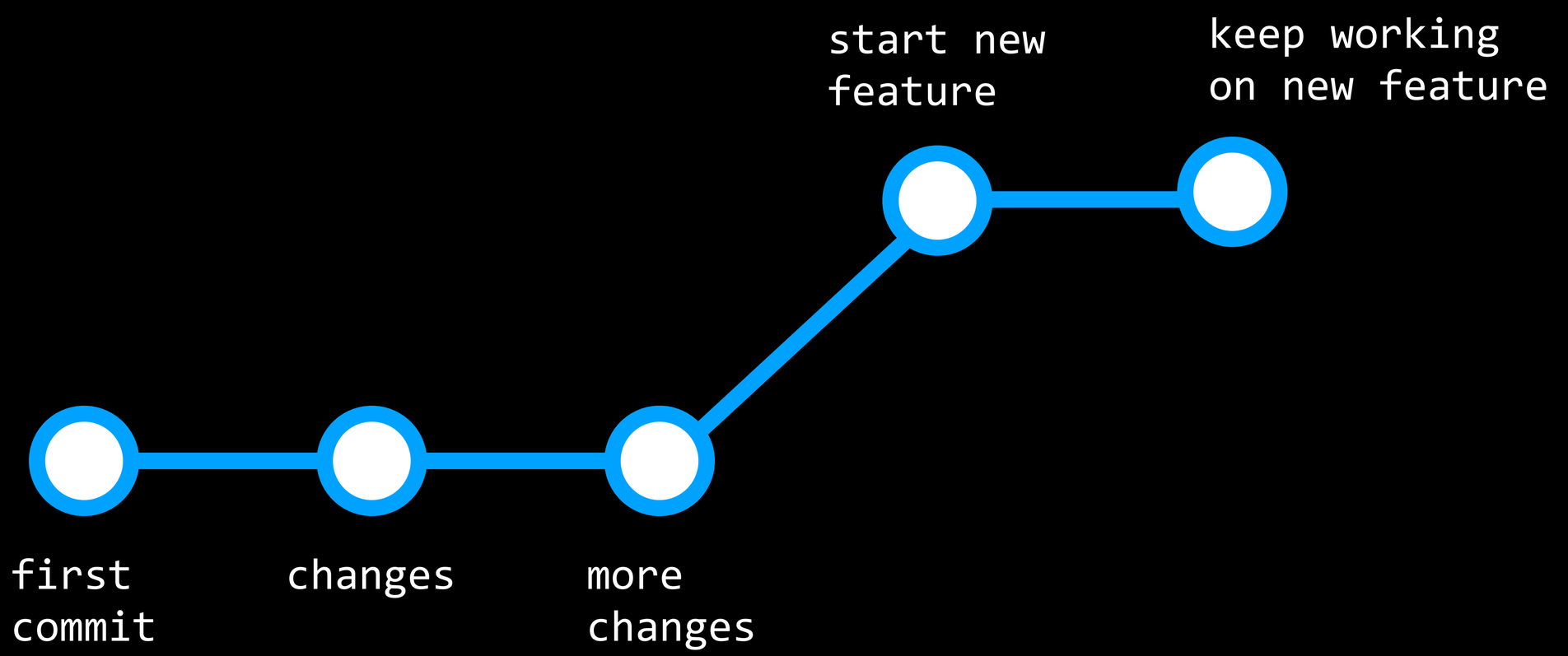
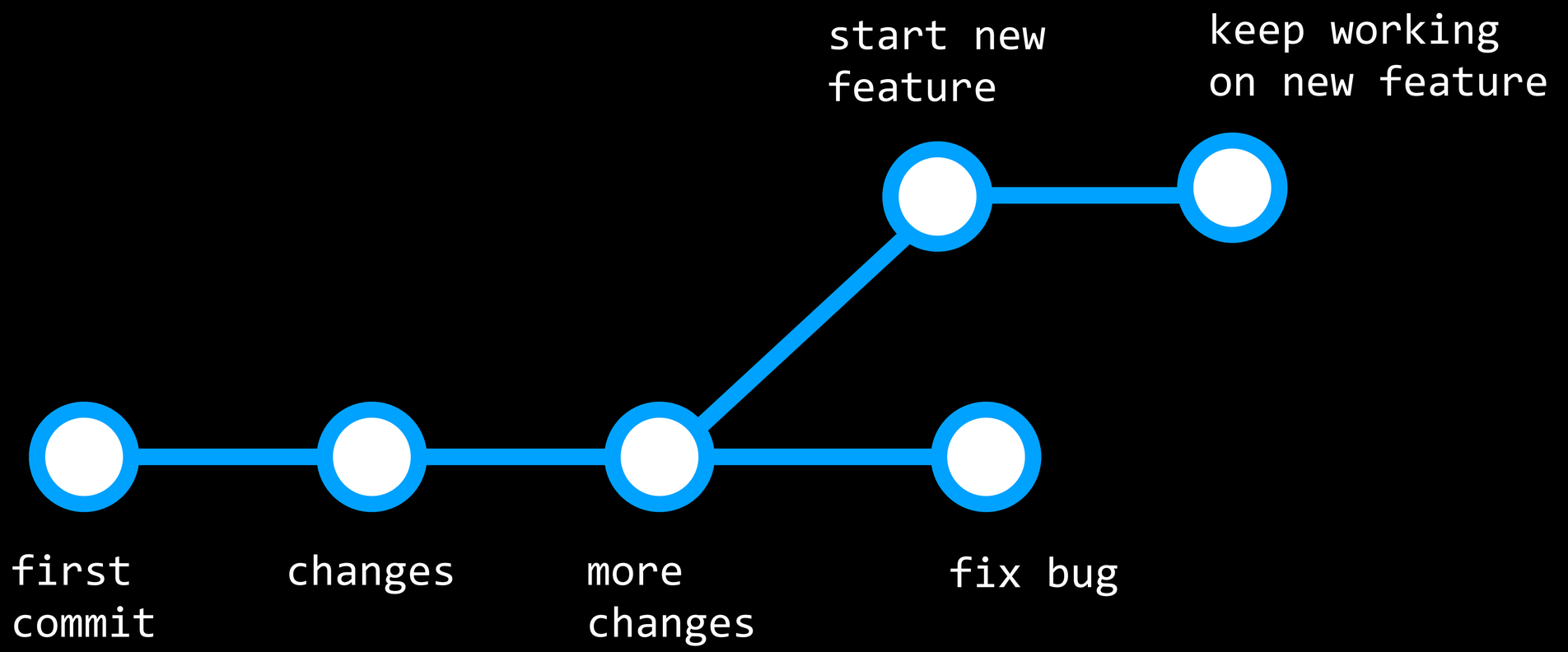
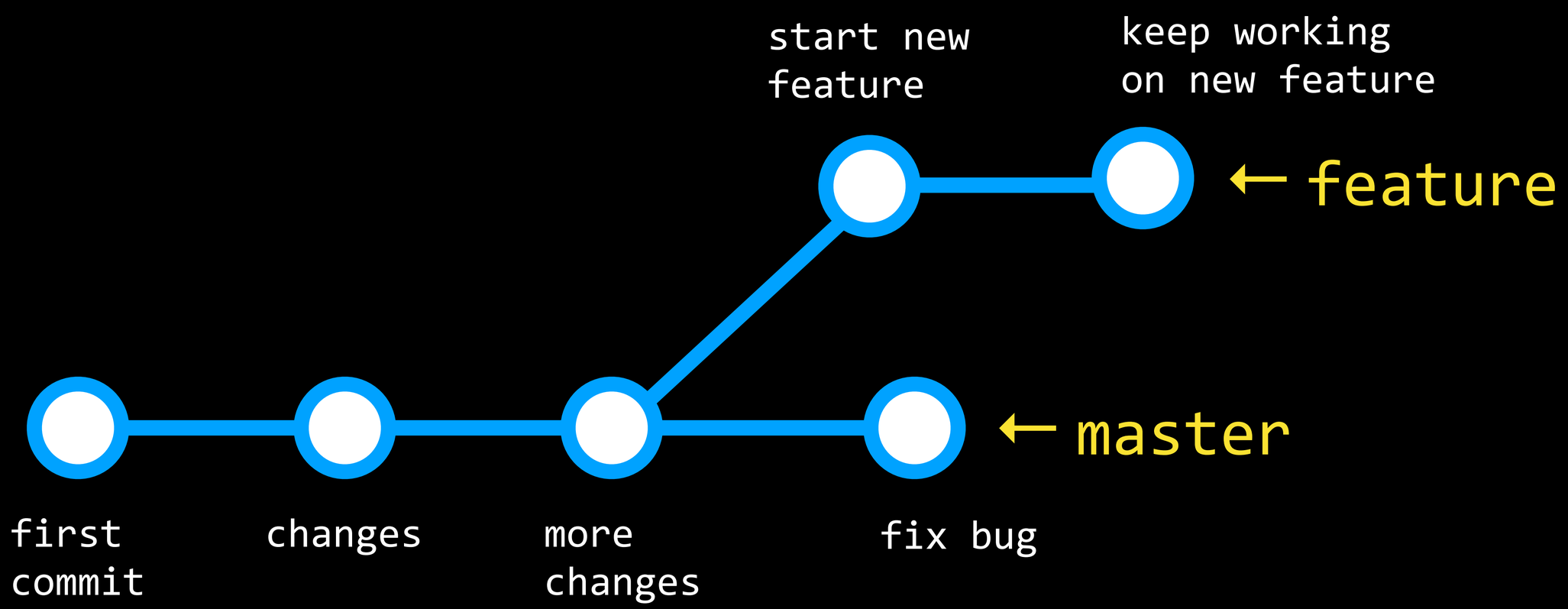
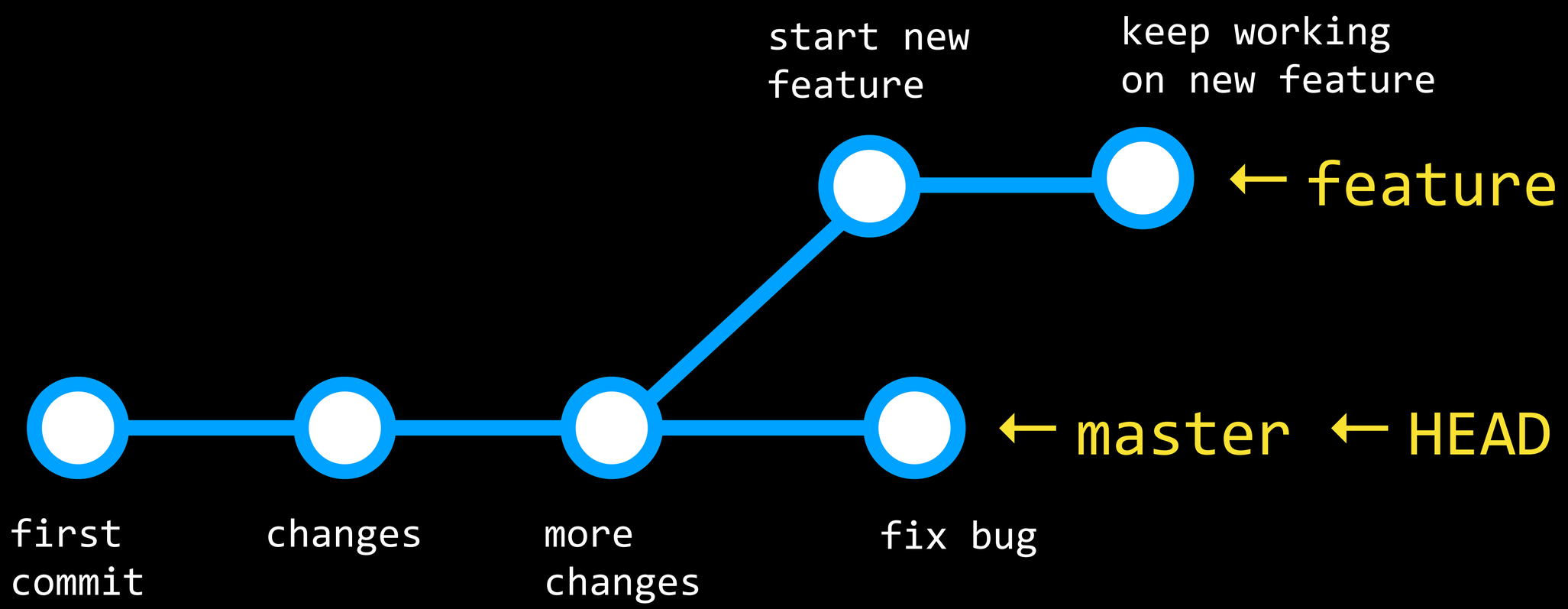
changes
more
changes

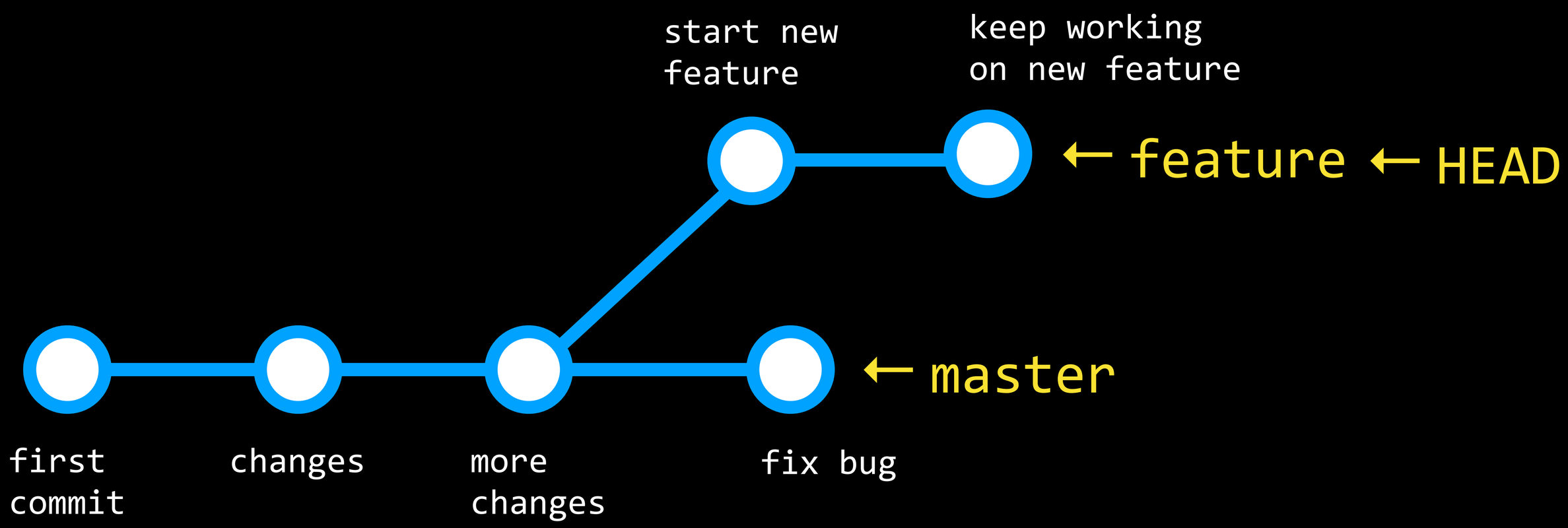

start new
feature
first
commit
changes
more
changes

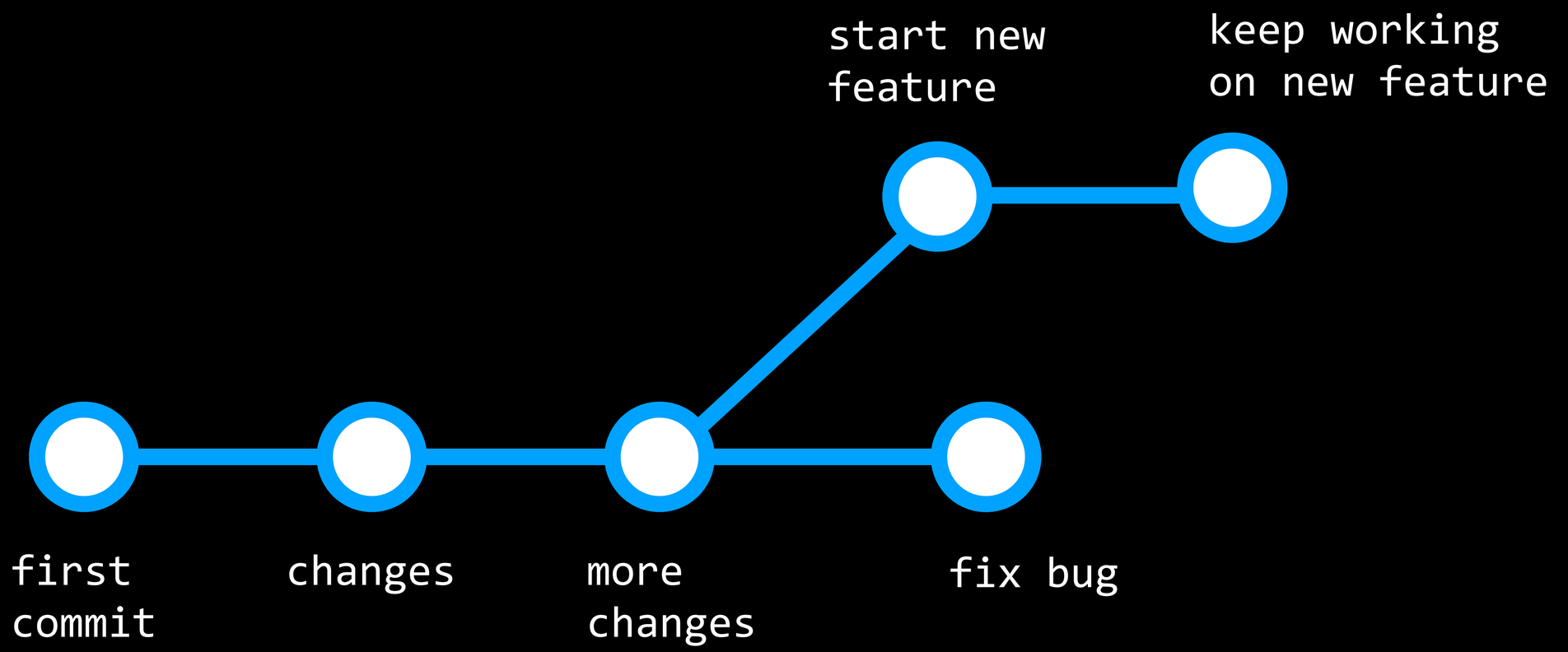

start new
feature
keep working
on new feature
first
commit
changes
more
changes

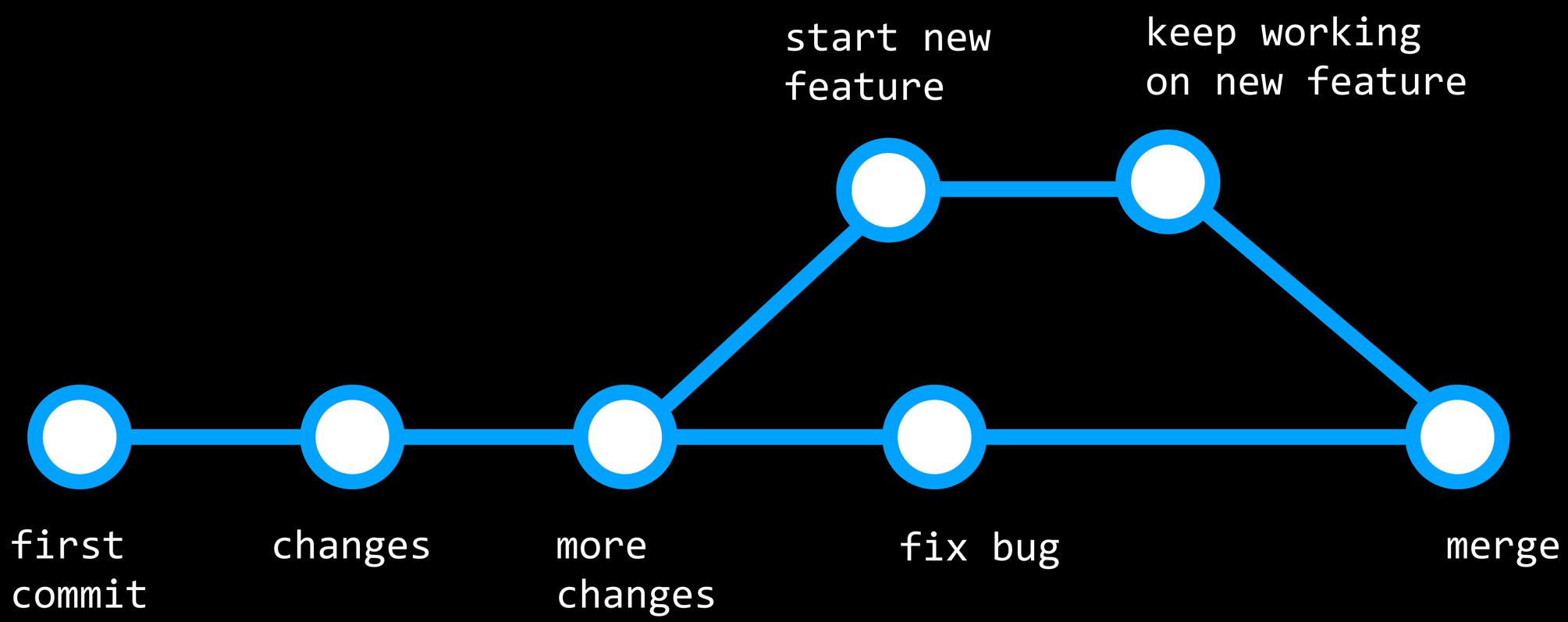

start new
feature
keep working
on new feature
first
commit
changes
more
changes
fix bug


start new feature
keep working on new feature
feature
master
first commit
changes
more changes
fix bug


start new feature
keep working on new feature
feature
master
HEAD
first commit
changes
more changes
fix bug


start new feature
keep working on new feature
← feature ← HEAD
← master
first commit
changes
more changes
fix bug


start new
feature
keep working
on new feature
first
commit
changes
more
changes
fix bug

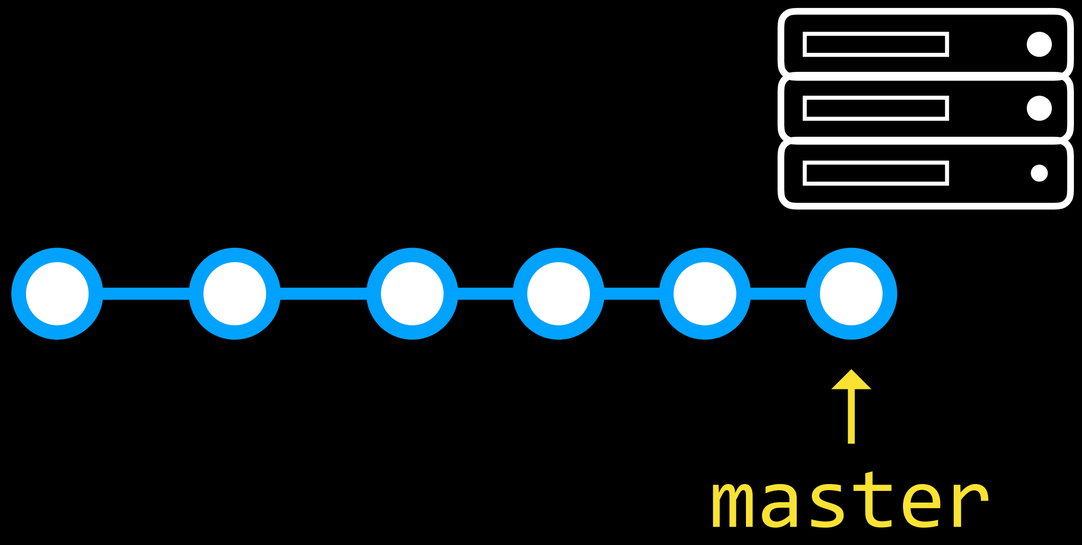

start new feature
keep working on new feature
first commit
changes
more changes
fix bug
merge

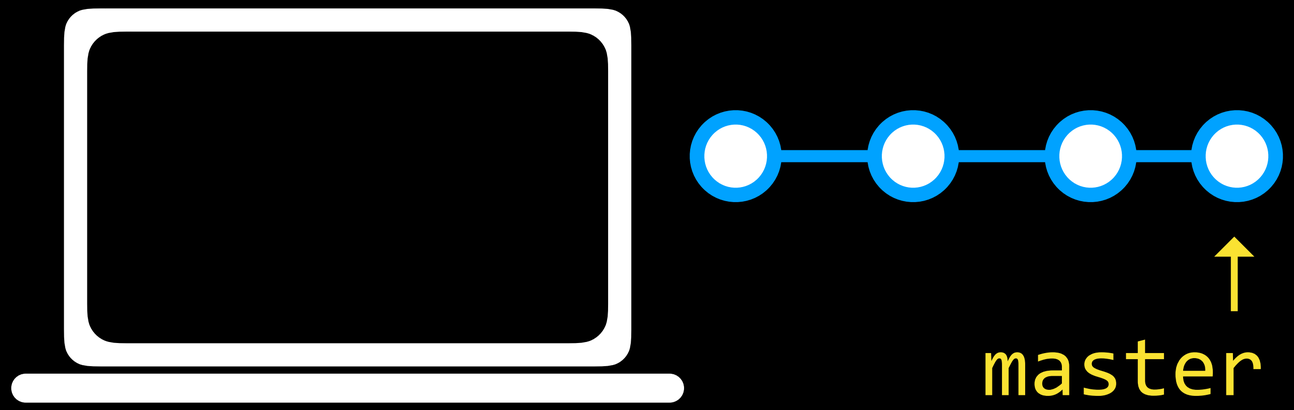
Branching

- `git branch`
- `git checkout`
- `git merge`

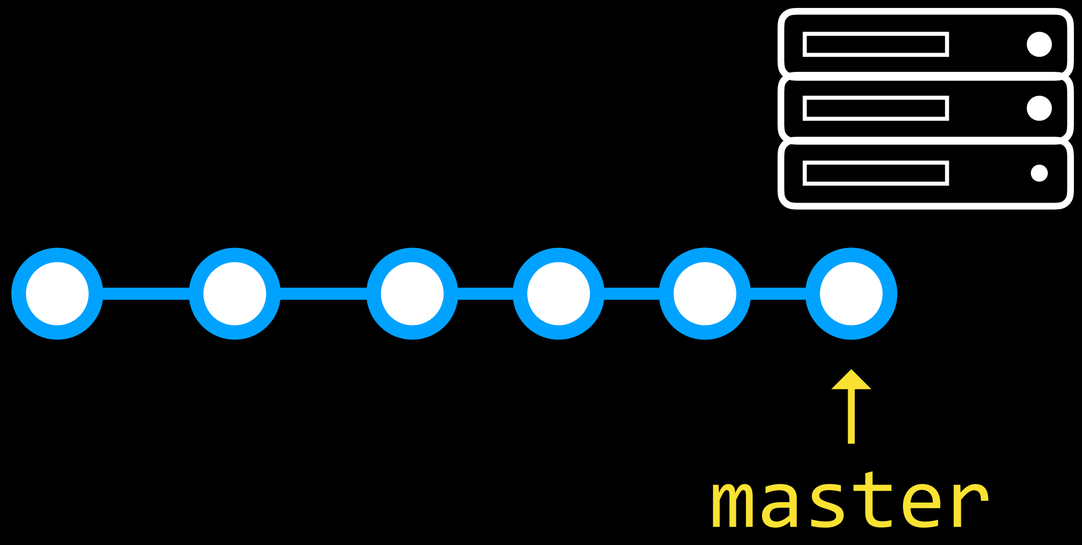
Remotes

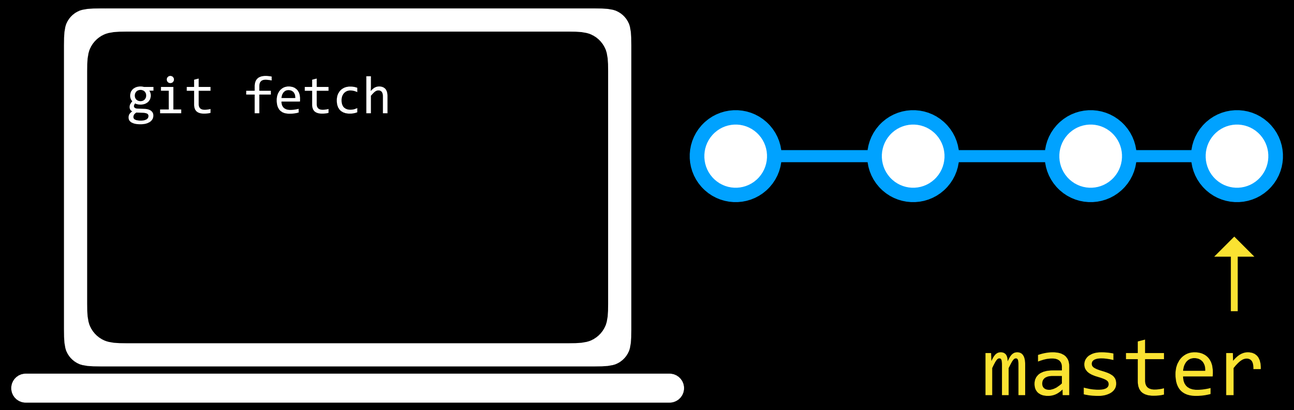
Remotes



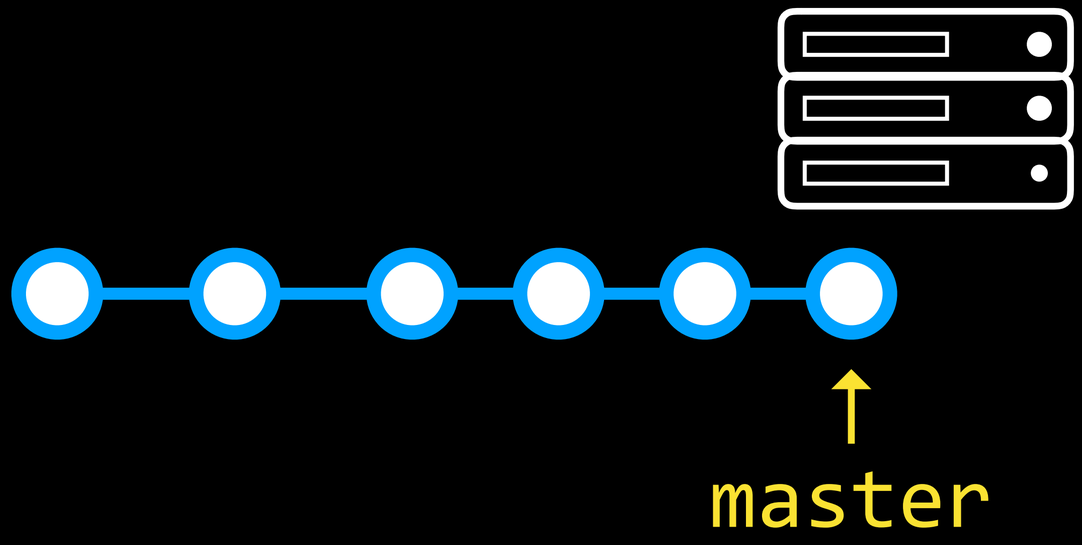


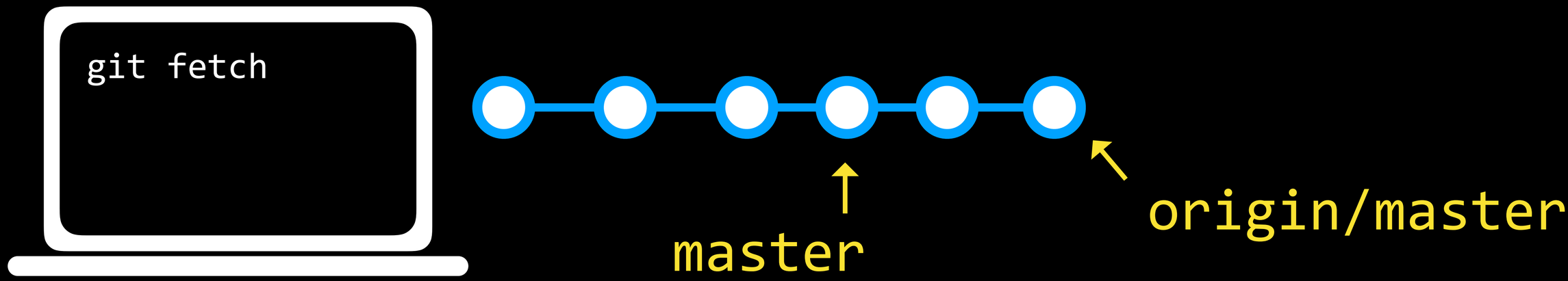
Remotes



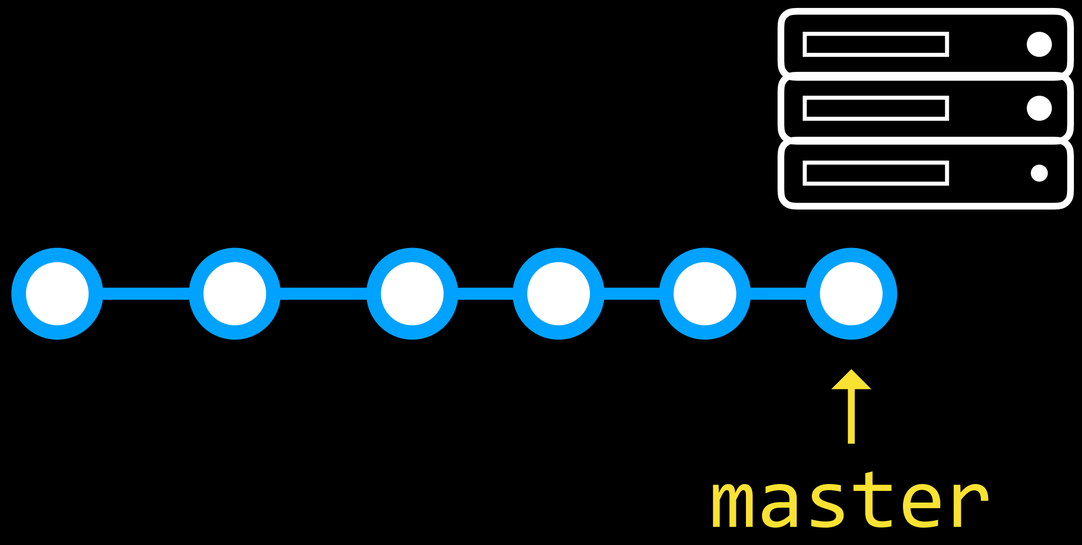


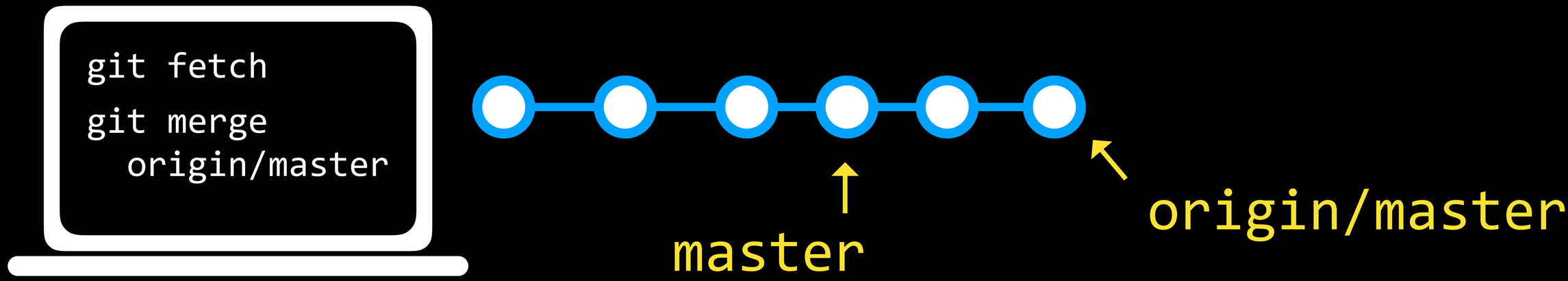
Remotes



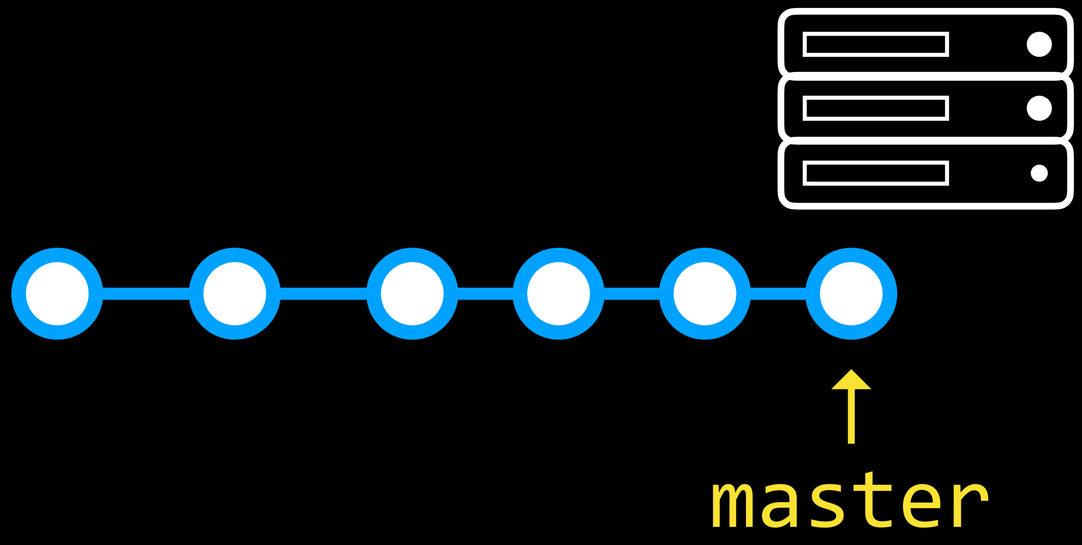


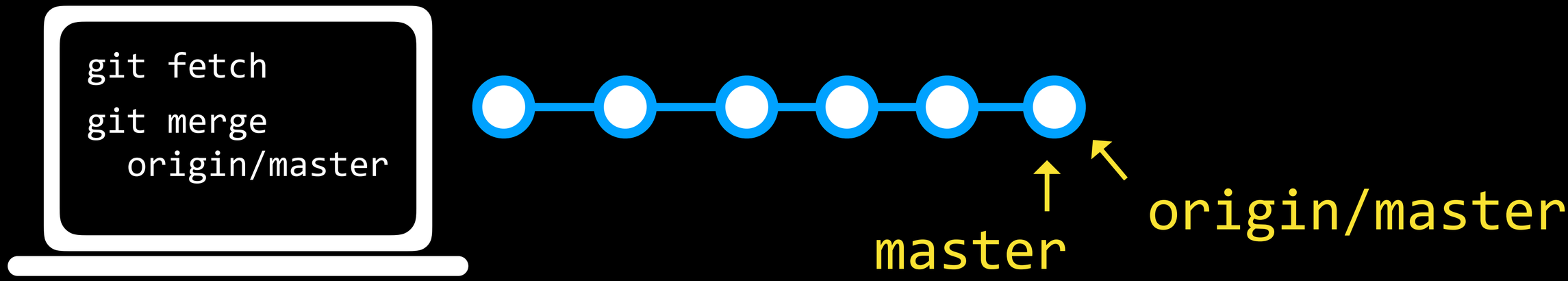
Remotes


master

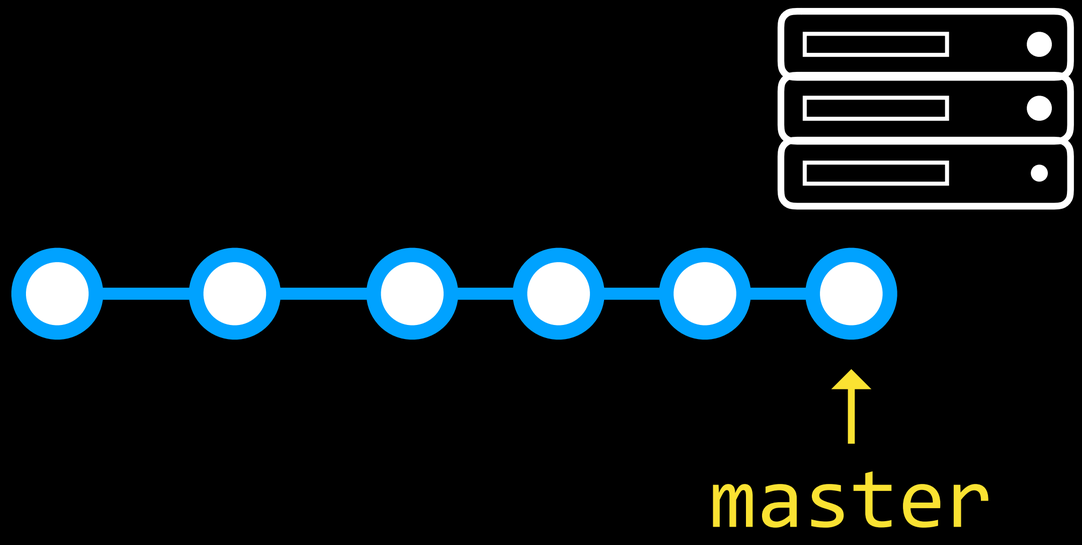

git fetch
git merge
origin/master
master
origin/master

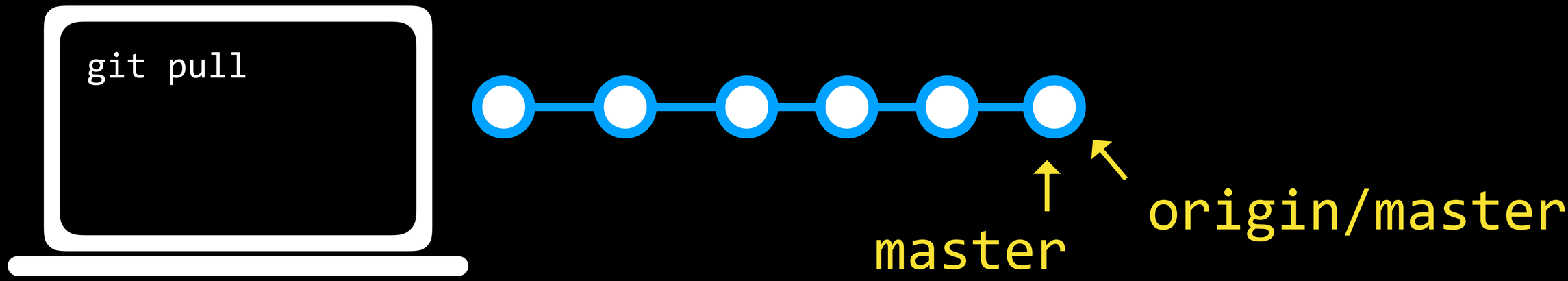
Remotes


master


git fetch
git merge
origin/master
master
origin/master

Remotes





Forks

Pull Requests

HTML

Links

- link to local page
- link to external page
- link to same page

HTML4 Organization

- `<div class="header">`
- `<div class="nav">`
- `<div class="section">`
- `<div class="footer">`
- `...`

HTML5 Organization

- `<header>`
- `<nav>`
- `<section>`
- `<footer>`
- `...`

New HTML5 Elements

- `<audio>`
- `<video>`
- `<datalist>`
- `...`

CSS

CSS Selectors

CSS Selectors

`a, b`	Multiple Element Selector
`a b`	Descendant Selector
`a > b`	Child Selector
`a + b`	Adjacent Sibling Selector
`[a=b]`	Attribute Selector
`a:b`	Pseudoclass Selector
`a::b`	Pseudoelement Selector

Responsive Design

Responsive Design

- `viewport`
- Media Queries
- Flexbox
- Grids

Bootstrap

Sass

Web Programming with Python and JavaScript