

Software Engineering in the Arts and Humanities

Git, HTML, CSS; continued

September 9, 2019

Admin

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- Lab 0
 - Due Wednesday 9/11 by 11:59am. Be sure to fill out the form too!

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- Office Hours
 - Tuesdays from 5:00pm to 6:30pm, CS50 Office
 - 125 Mt. Auburn St, 3rd Floor; may need to sign in w/ security guard
 - HUID swipe will be setup for you to be able to access during that time

Admin

- Lottery
 - If you were lotteried into the course, be sure to have your petition approved on my.harvard ASAP.
- my.harvard bug might show you as needing to sign up for a "LAB"? If so, delete the course from your cart and re-add it, and that should go away!

Last Time

Last Time

- Git
- HTML
- CSS

This Time

- Git
- HTML
- CSS

This Time

- Git
 - Branching, Forking, Remotes, Pull Requests
- HTML
 - Links, Forms, HTML4 vs. HTML5
- CSS
 - Precision selectors
- Bootstrap
- Sass

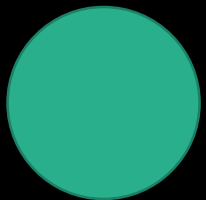
Git, continued

Git

- We use Git commits to create a history of how our code evolves.

Git

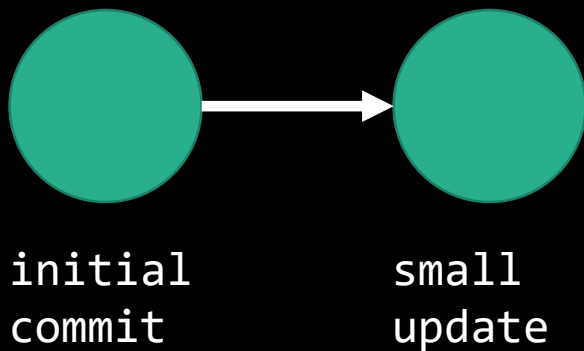
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initial
commit

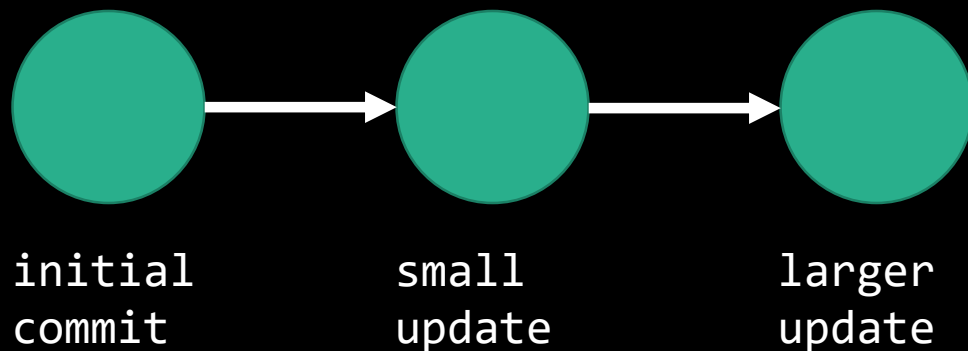
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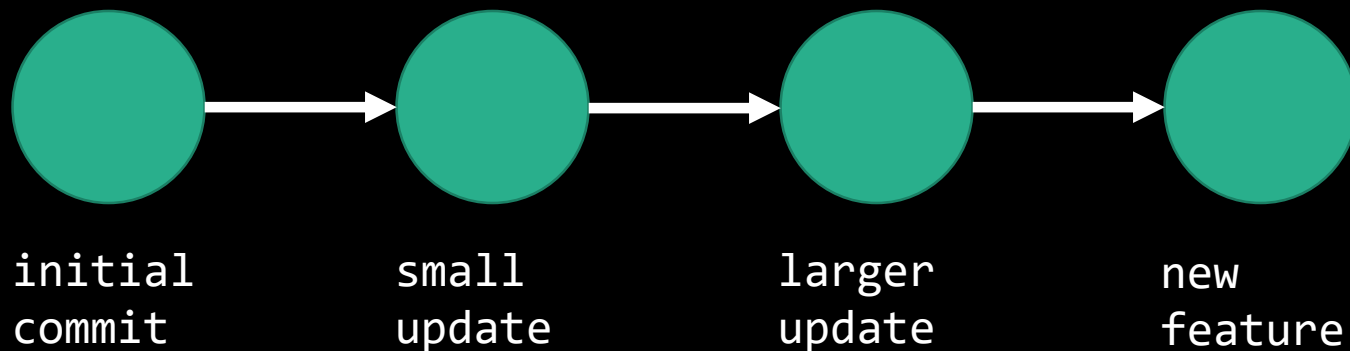
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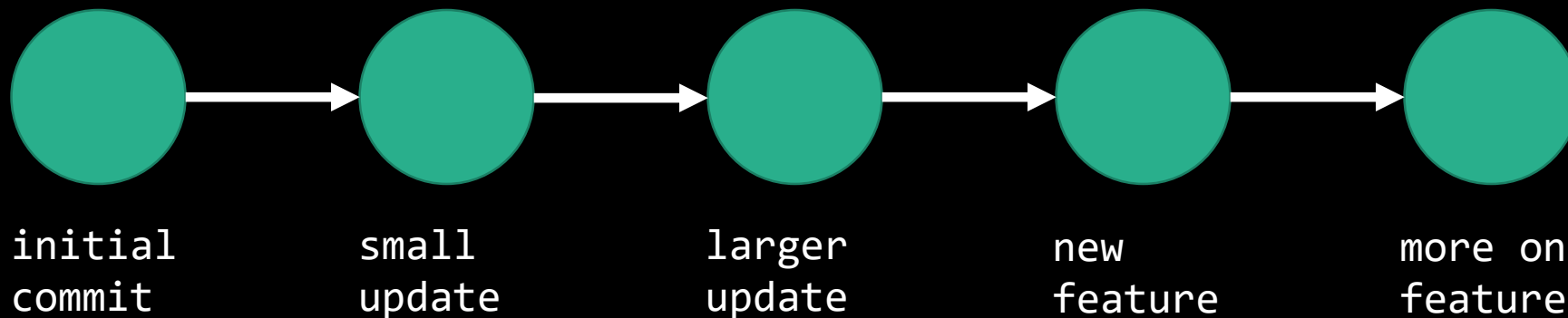
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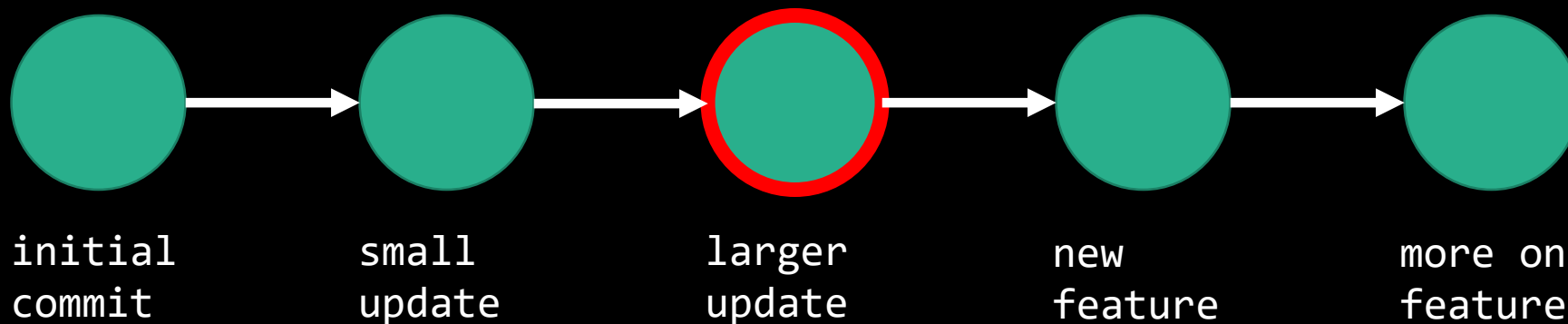
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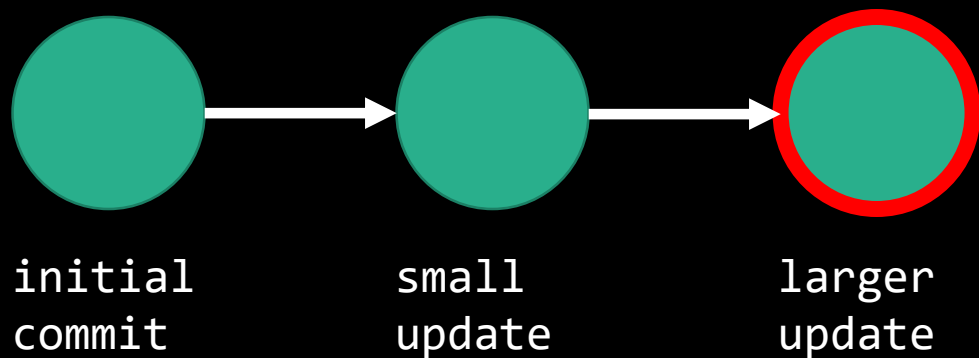
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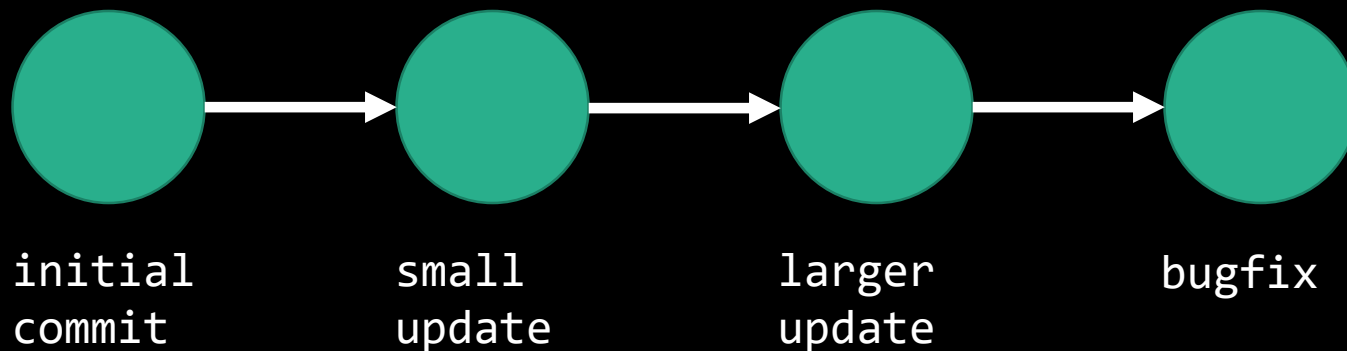
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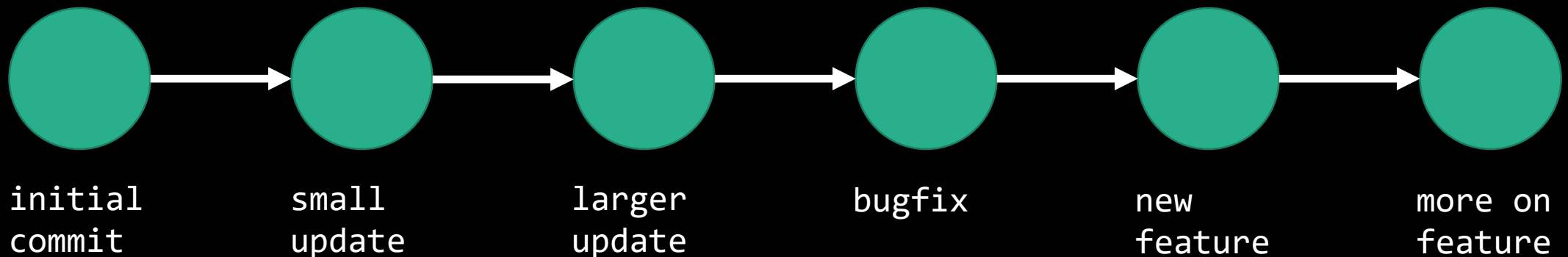
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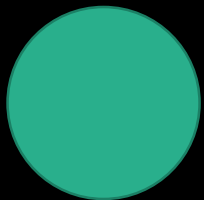
git branch

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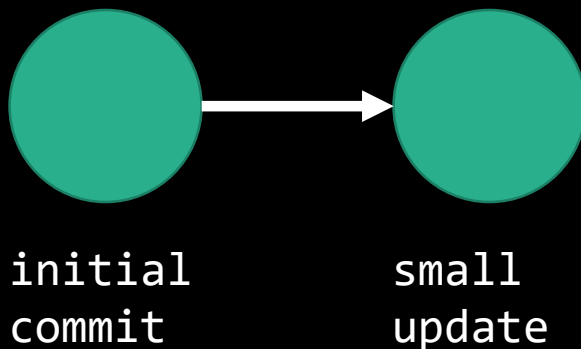
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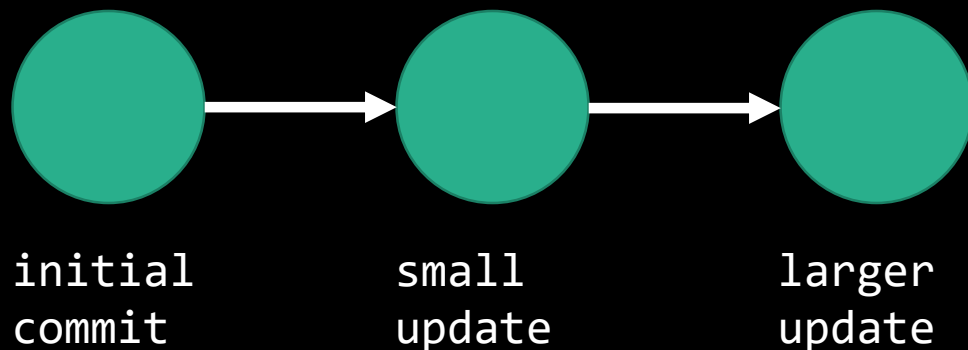
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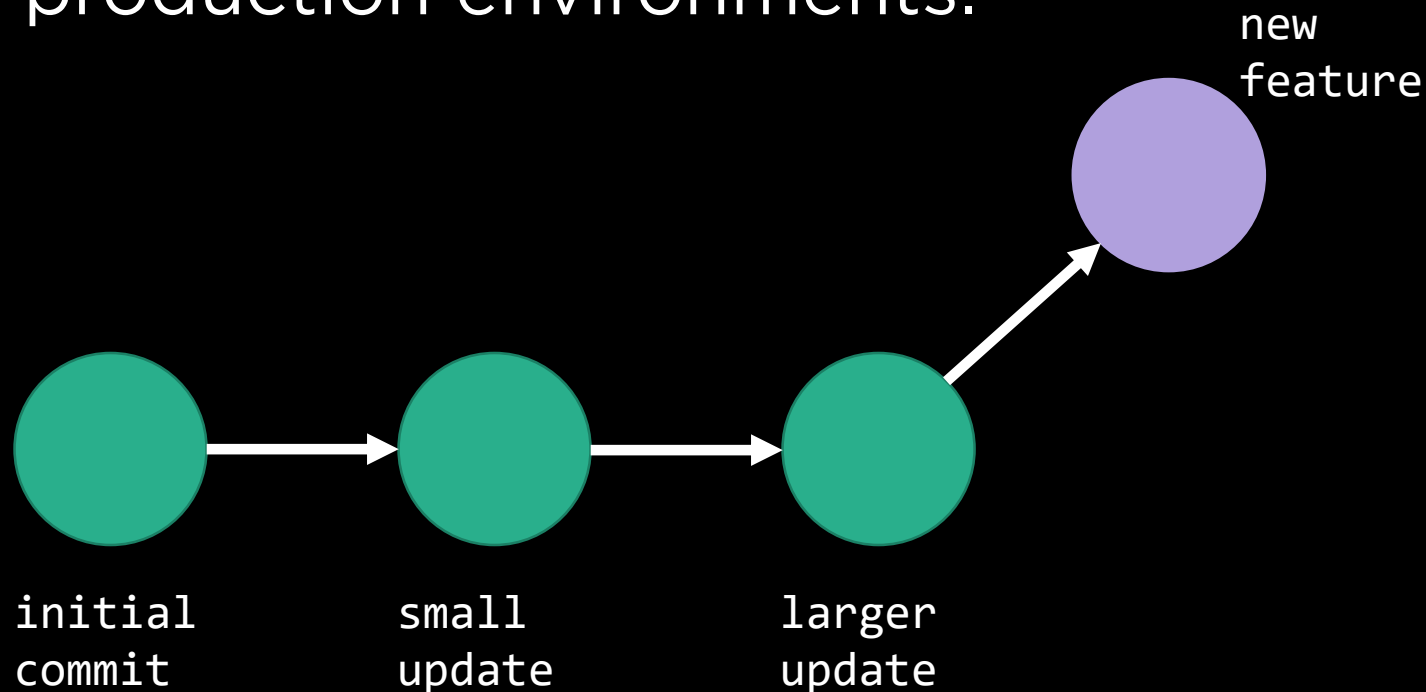
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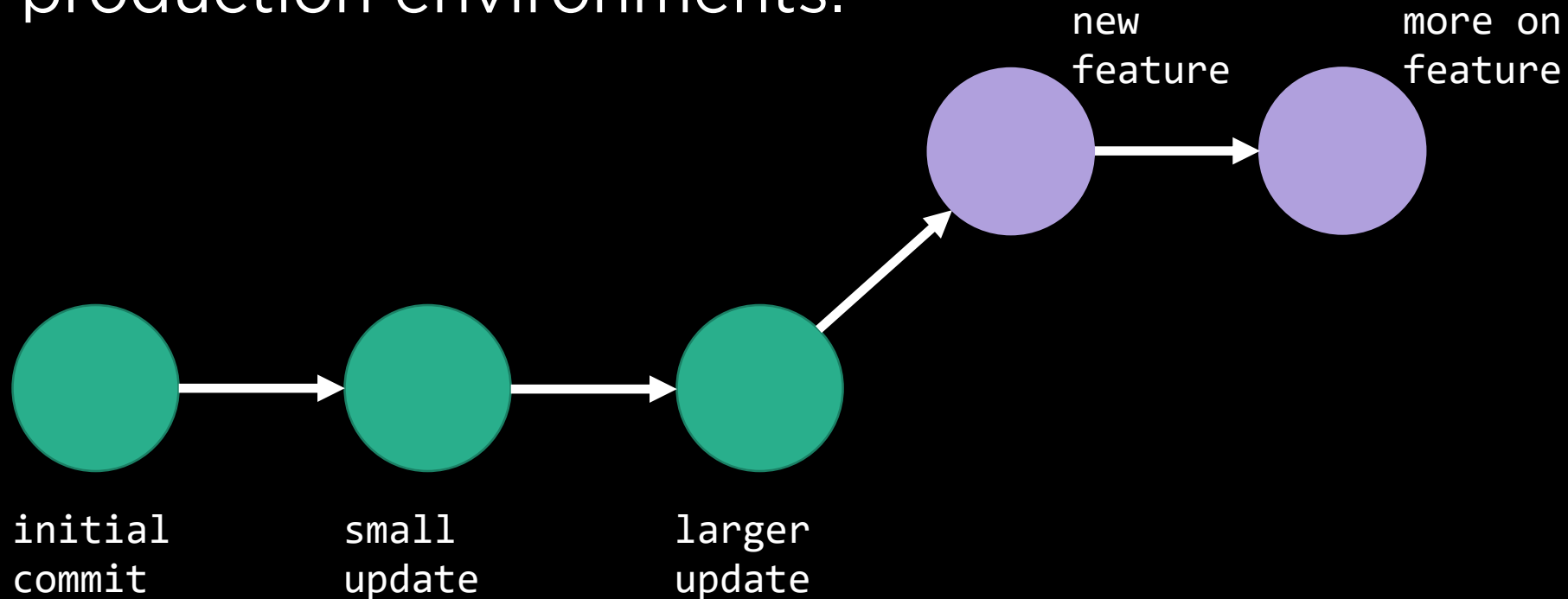
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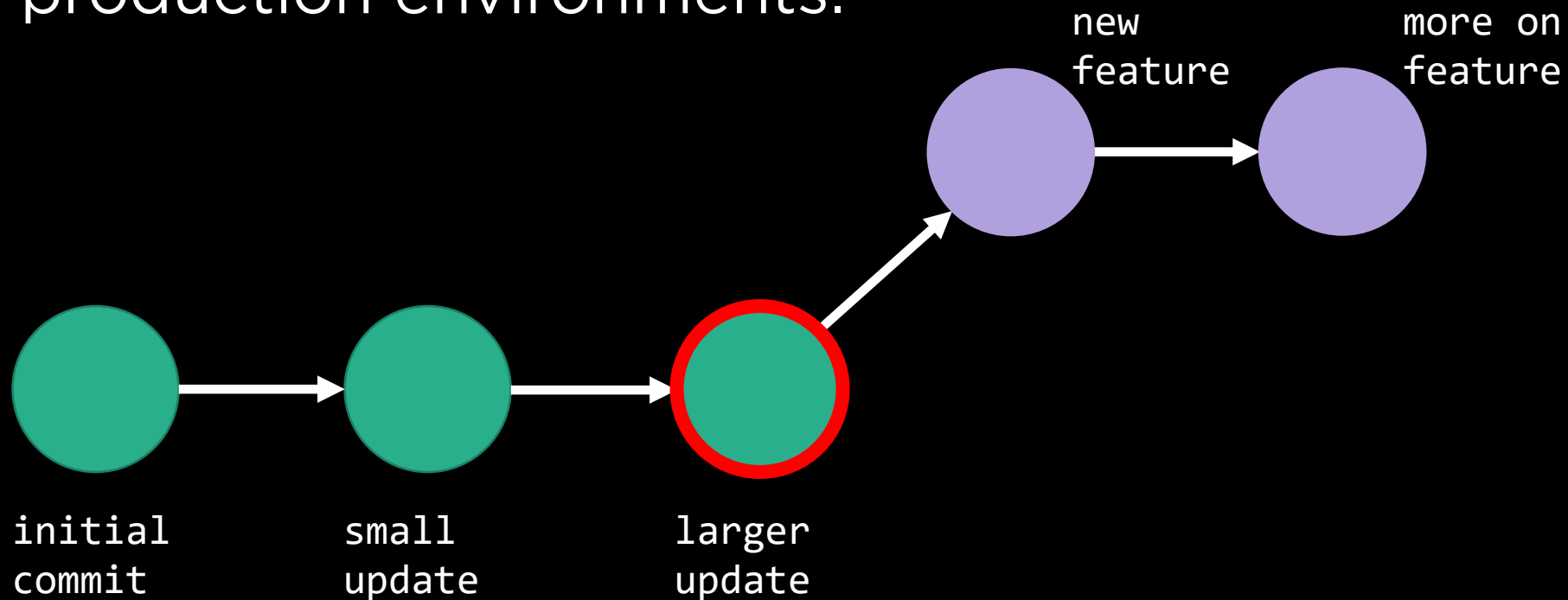
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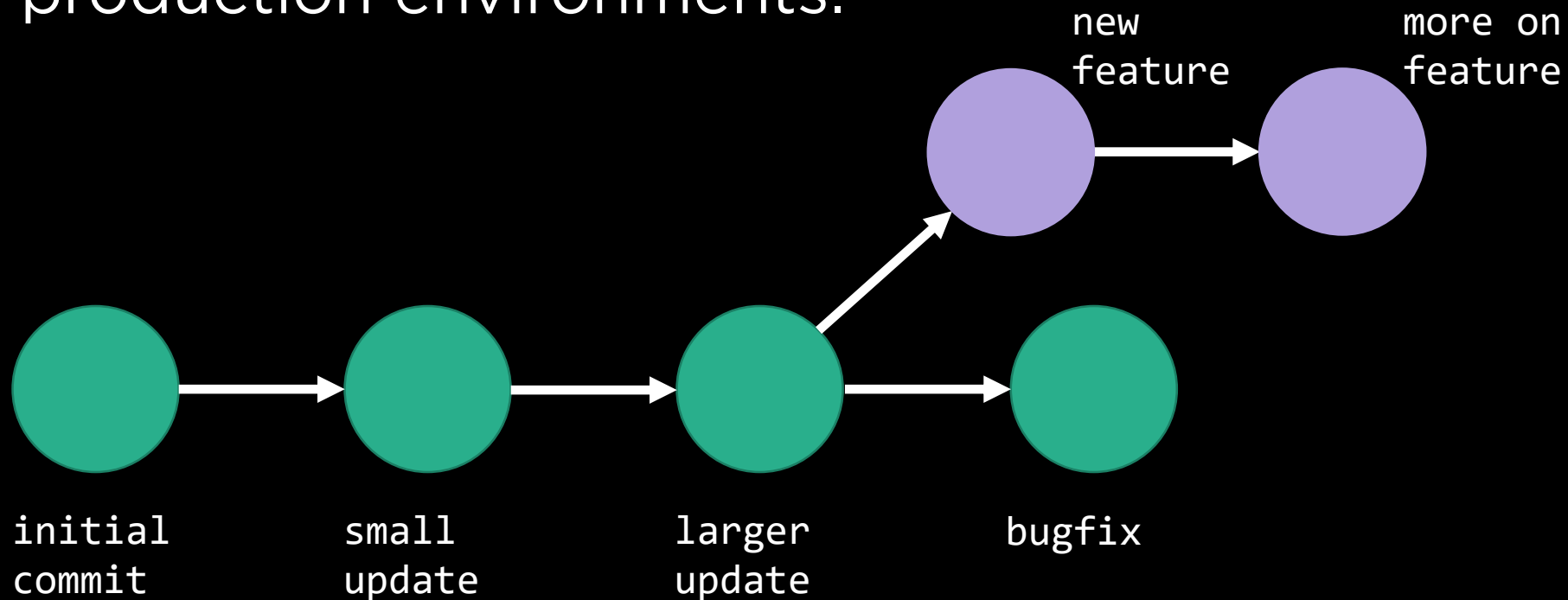
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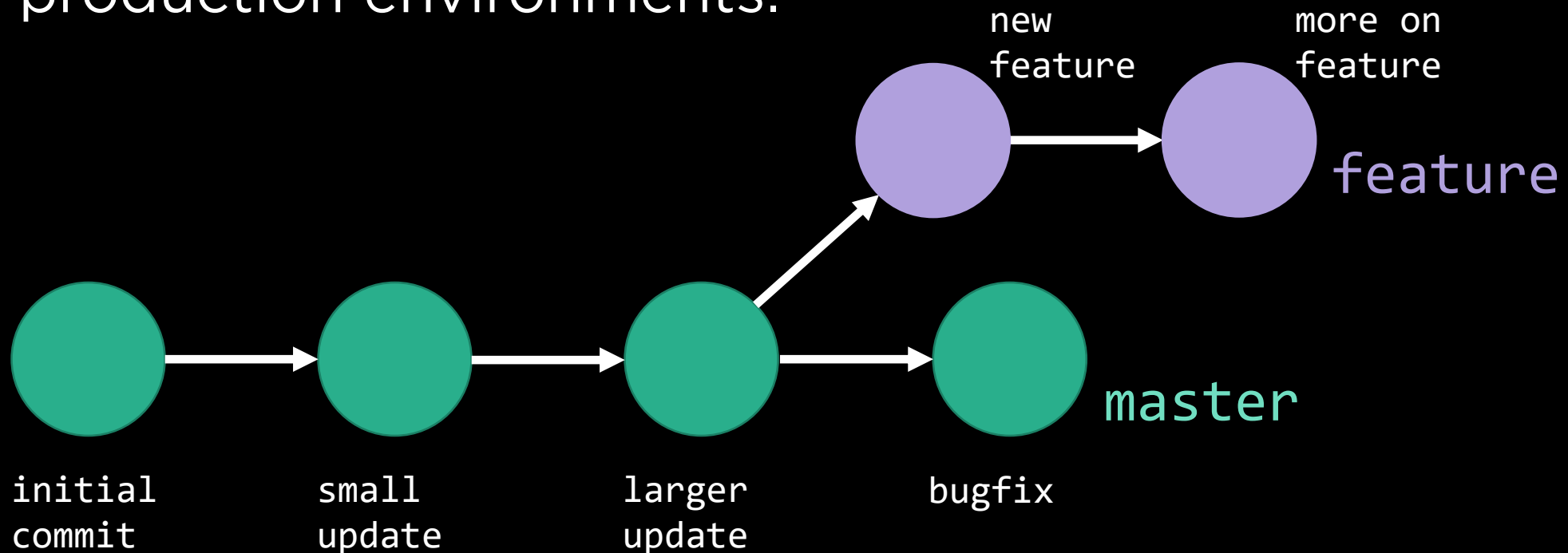
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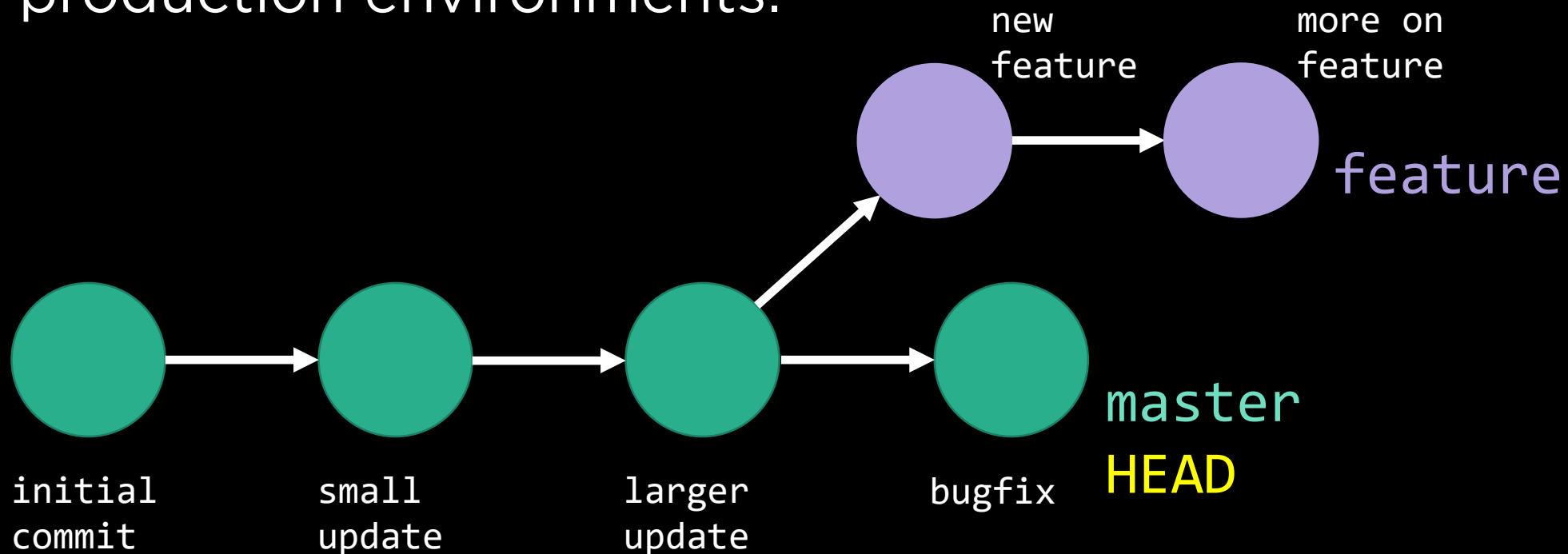
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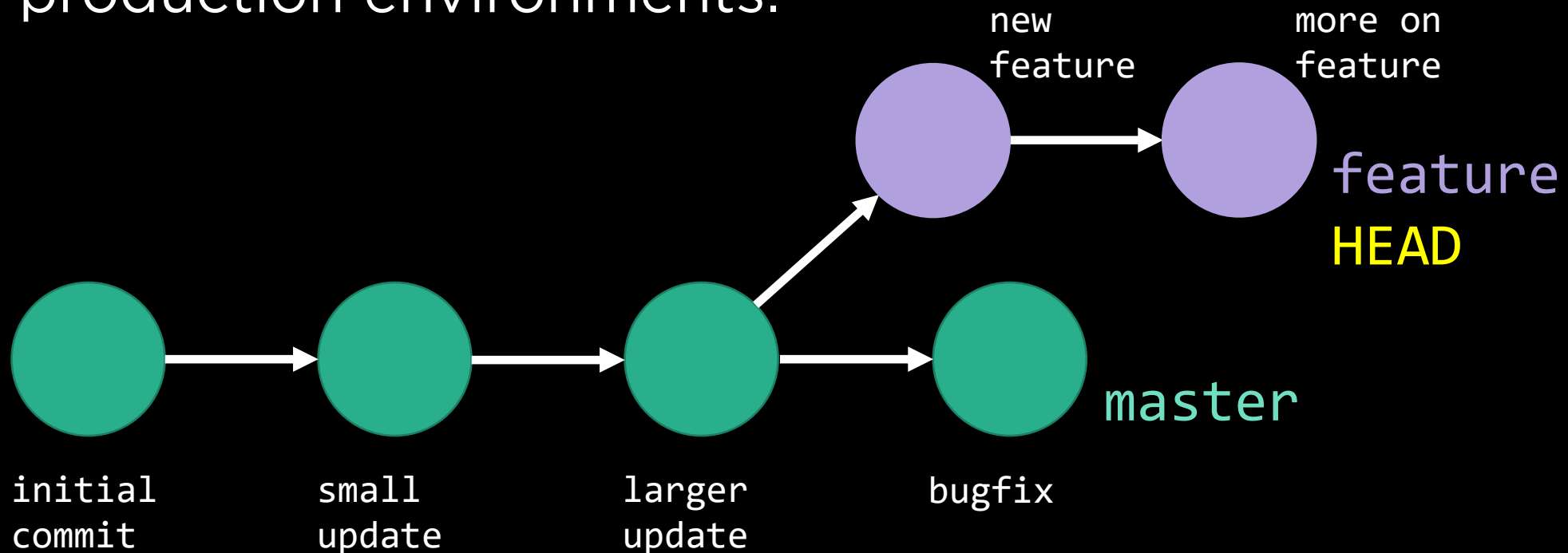
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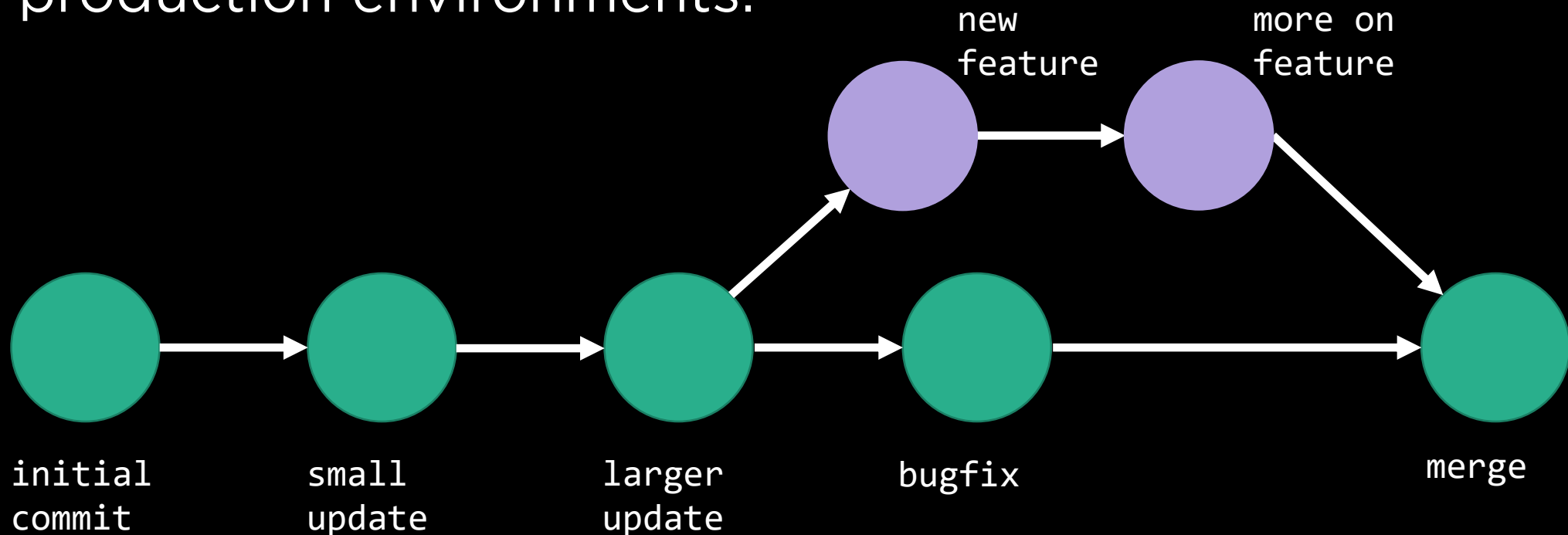
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```
git branch
```

```
git branch <name>
```

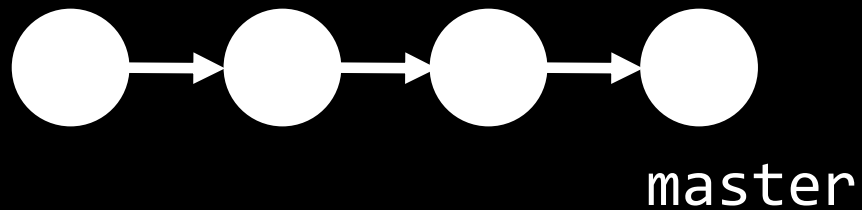
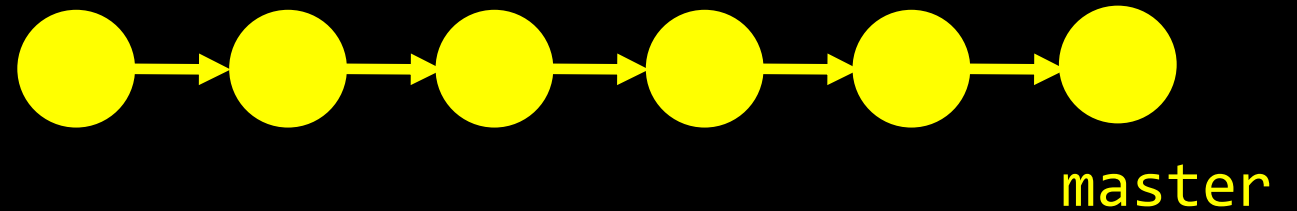
```
git checkout <name>
```

```
git merge <name>
```

Remotes

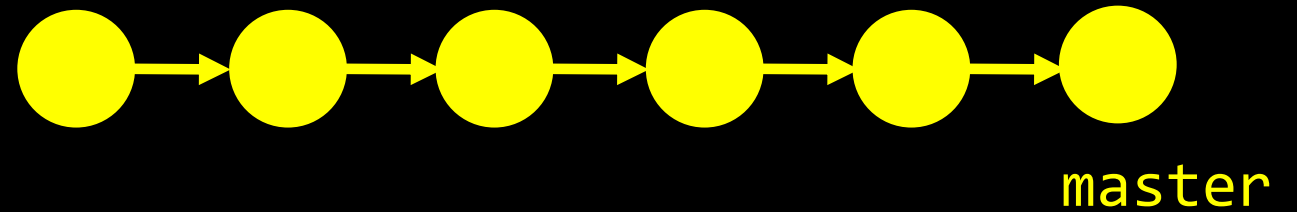
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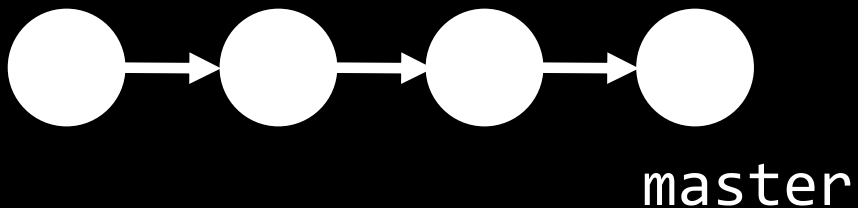


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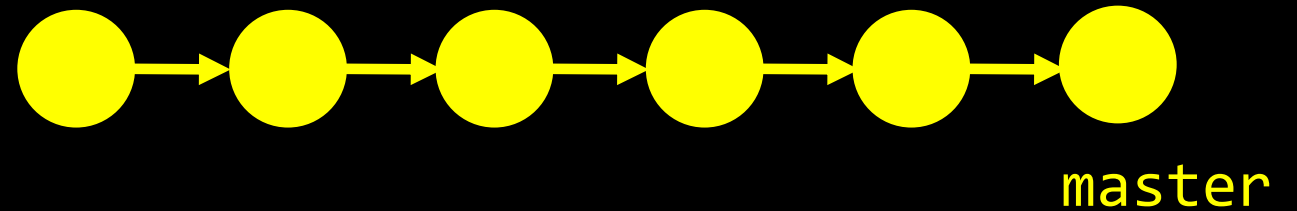


`git fetch`

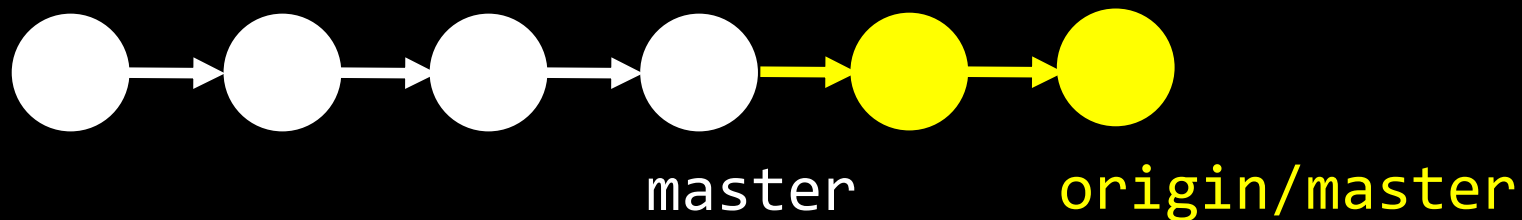


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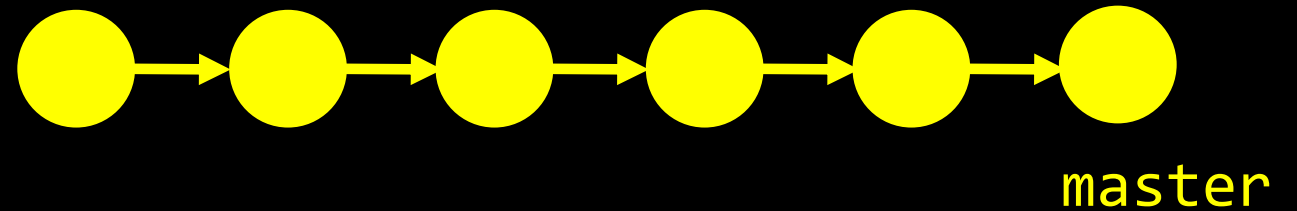


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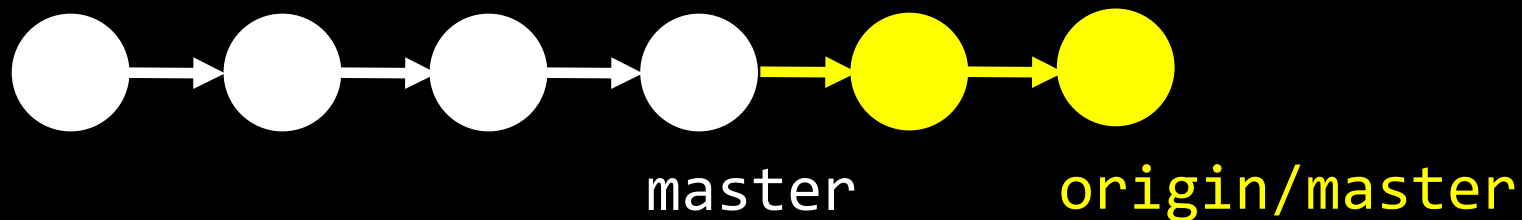


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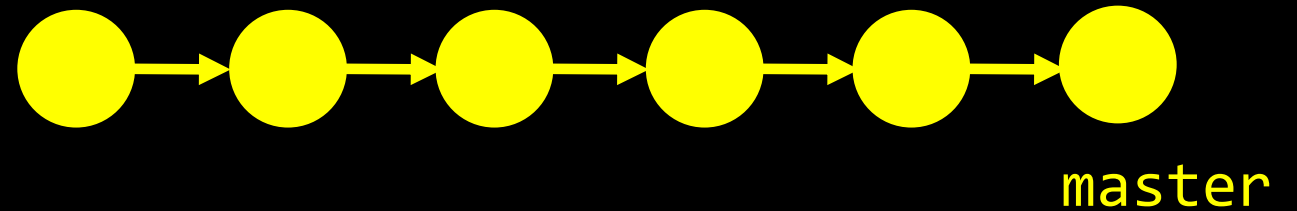


```
git fetch  
git merge origin/master
```

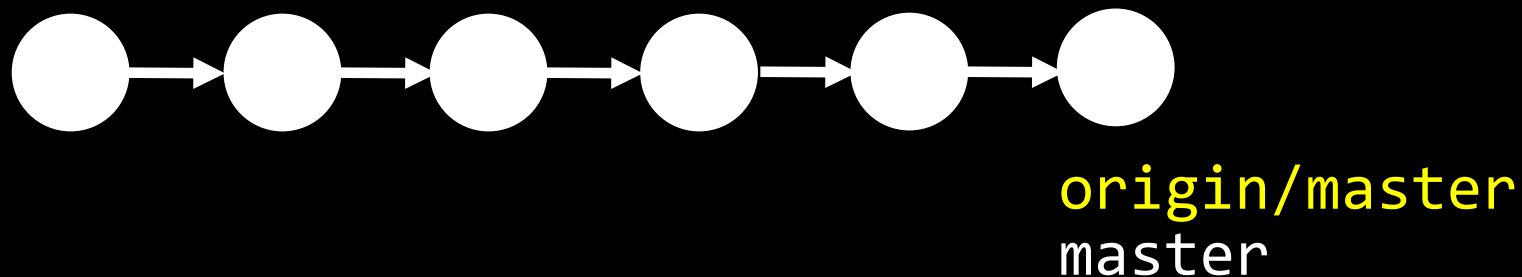


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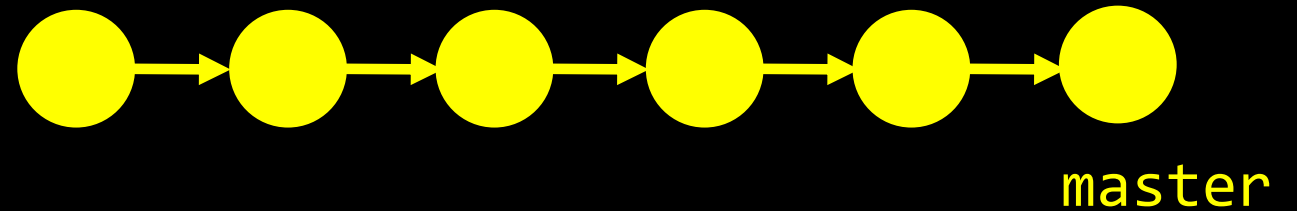


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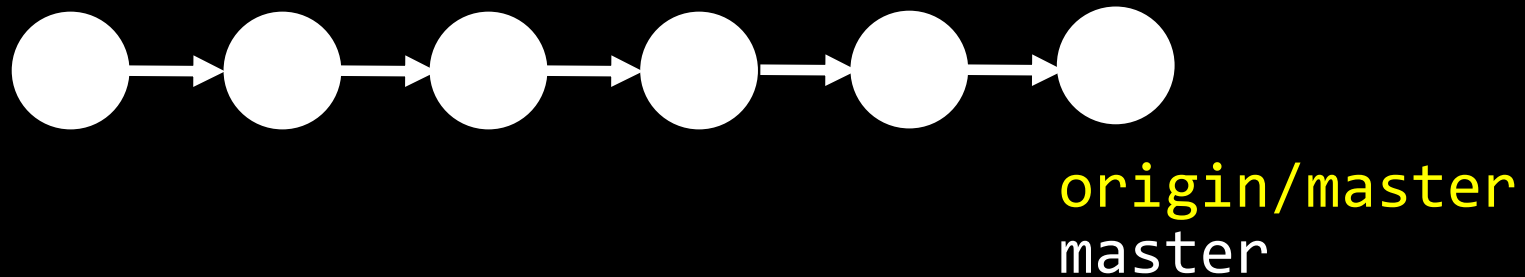


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`git pull`



Forks

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

No description, website, or topics provided.

Edit

Add topics

1 commit 1 branch 0 releases 1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

s33a-student Create index.html Latest commit 75b1836 3 minutes ago

index.html Create index.html 3 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

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Pull Requests

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- It's also possible to use PRs to merge your own branches.

HTML, continued

Links

```
<a href="LOCATION">link text</a>
```

- Internal links
- External links
- Intra-page links

Links

```
<a href="hello.html">link text</a>
```

- Internal links
- External links
- Intra-page links

Links

```
<a href="http://google.com">link text</a>
```

- Internal links
- External links
- Intra-page links

Links

```
<a href="#location1">link text</a>
```

- Internal links
- External links
- Intra-page links

HTML5 vs. HTML4

HTML5	HTML4
<code><header></code>	<code><div class="header"></code>
<code><section></code>	<code><div class="section"></code>
<code><nav></code>	<code><div class="nav"></code>
<code><footer></code>	<code><div class="footer"></code>

New HTML5 Tags

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

CSS, continued

CSS Selector Options

Selector Form	Description
tag	Tag selector
#id	ID selector
.class	Class selector

CSS Selector Options

Selector Form	Description
tag	Tag selector
#id	ID selector
.class	Class selector
x, y	Multiple element selector
x y	Descendant selector
x > y	Child selector
z[x=y]	Attribute selector
x:y	Pseudoclass selector

Bootstrap

Bootstrap

<https://getbootstrap.com>

Bootstrap 4.3

<https://getbootstrap.com>

```
<link rel="stylesheet"  
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"  
integrity="sha384-gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQU0hcWr7x9JvoRxT2MZw1T"  
crossorigin="anonymous">
```

Sass