

# GITHUB FOR PEOPLE WHO DON'T CODE

Christopher Schmitt ★ <http://twitter.com/teleject>

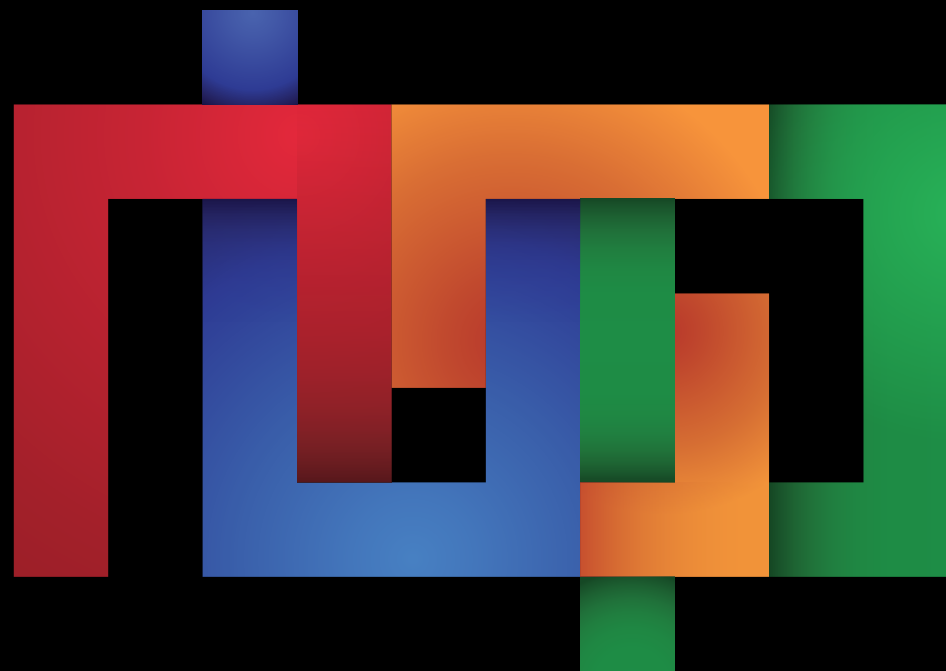
# DESIGNING WEB & MOBILE GRAPHICS

Christopher Schmitt

FUNDAMENTAL CONCEPTS FOR WEB AND INTERACTIVE PROJECTS



<http://DWMGBook.com/>



<http://nonbreakingspace.tv/>

- nib - Stylus mixins, utilities, components, and gradient image generation
- This is Responsive - Online repo for Brad Frost's site about RWD resources
- Kraken - A lightweight, mobile-first boilerplate for front-end web developers
- Yeoman Style Prototype - Style guide generator
- OpenType Features - A Sass mix-in for turning OpenType features on and off in your embedded web fonts.
- HiSRC - The simple jQuery plugin for adaptive images in responsive web design
- Responsive Layouts - Jen Simmons' slides

GitHub

# GitHub

- Git on your local machine, connect to GitHub to send your code out to the world Web-based, social versioning control
- Cloud-based code repos
- Social coding = community coding

# GitHub Tour

- Login, profile
- Bootcamp
- Look at open source projects
  - commits, contributors
- Readme files


# EMOJI CHEAT SHEET


**Emoji** emoticons are supported on [Campfire](#), [GitHub](#), [Basecamp](#), [Turntable.fm](#), [Teambox](#), [Trac](#), [Flowdock](#), [Sprint.ly](#), [Kandan](#), [Textbox.io](#), [Kippt](#), [GitLab](#), and [JabbR](#).


However some of the emoji codes are not super easy to remember, so *here is a little cheat sheet*.

➔ **Got flash enabled? Click the emoji code and it will be copied to your clipboard.**


## People


 :bowtie:


 :blush:


 :smirk:


 :kissing\_closed\_eyes:


 :satisfied:

 :stuck\_out\_tongue\_winking\_eye:

 :kissing:


 :sleeping:


 :anguished:

 :confused:


 :unamused:

 :disappointed\_relieved:


 :disappointed:


 :cold\_sweat:


 :sob:


 :smile:


 :smiley:

 :heart\_eyes:


 :flushed:


 :grin:

 :stuck\_out\_tongue\_closed\_eyes:

 :kissing\_smiling\_eyes:

 :worried:


 :open\_mouth:


 :hushed:

 :sweat\_smile:


 :persevere:


 :joy:


 :laughing:


 :relaxed:

 :kissing\_heart:


 :relieved:

 :wink:

 :grinning:


 :stuck\_out\_tongue:


 :frowning:

 :grimacing:

 :expressionless:

 :sweat:

 :pensive:

 :fearful:

 :cry:

 :astonished:

<http://www.emoji-cheat-sheet.com>



# GitHub Tour

- Issue tracking software
- Setting milestones
- Projects mentioned at ARTIFACT Conf

- nib - Stylus mixins, utilities, components, and gradient image generation
- This is Responsive - Online repo for Brad Frost's site about RWD resources
- Kraken - A lightweight, mobile-first boilerplate for front-end web developers
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# Version Control

# Version Control

- “Cowboy coding”







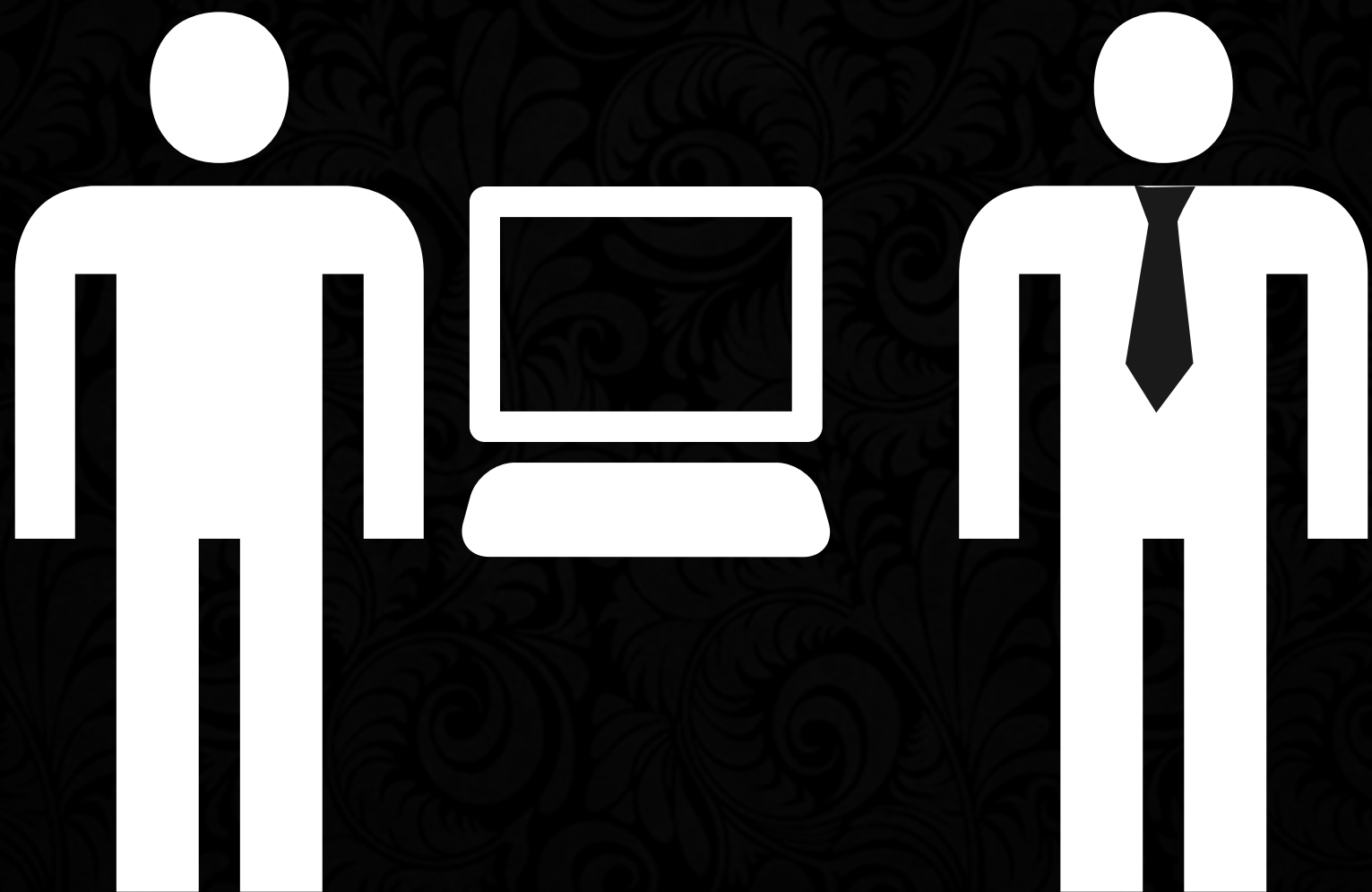


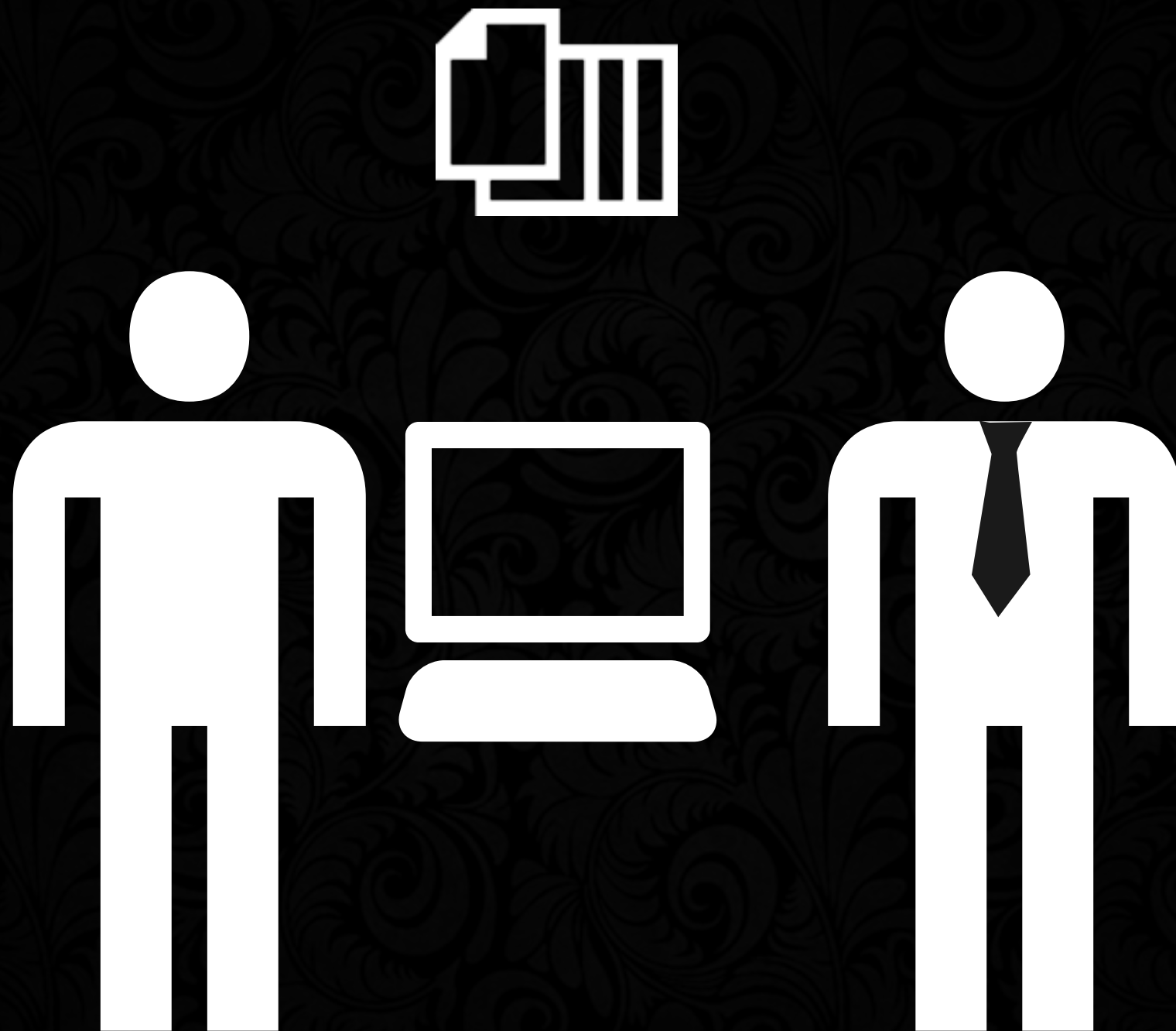












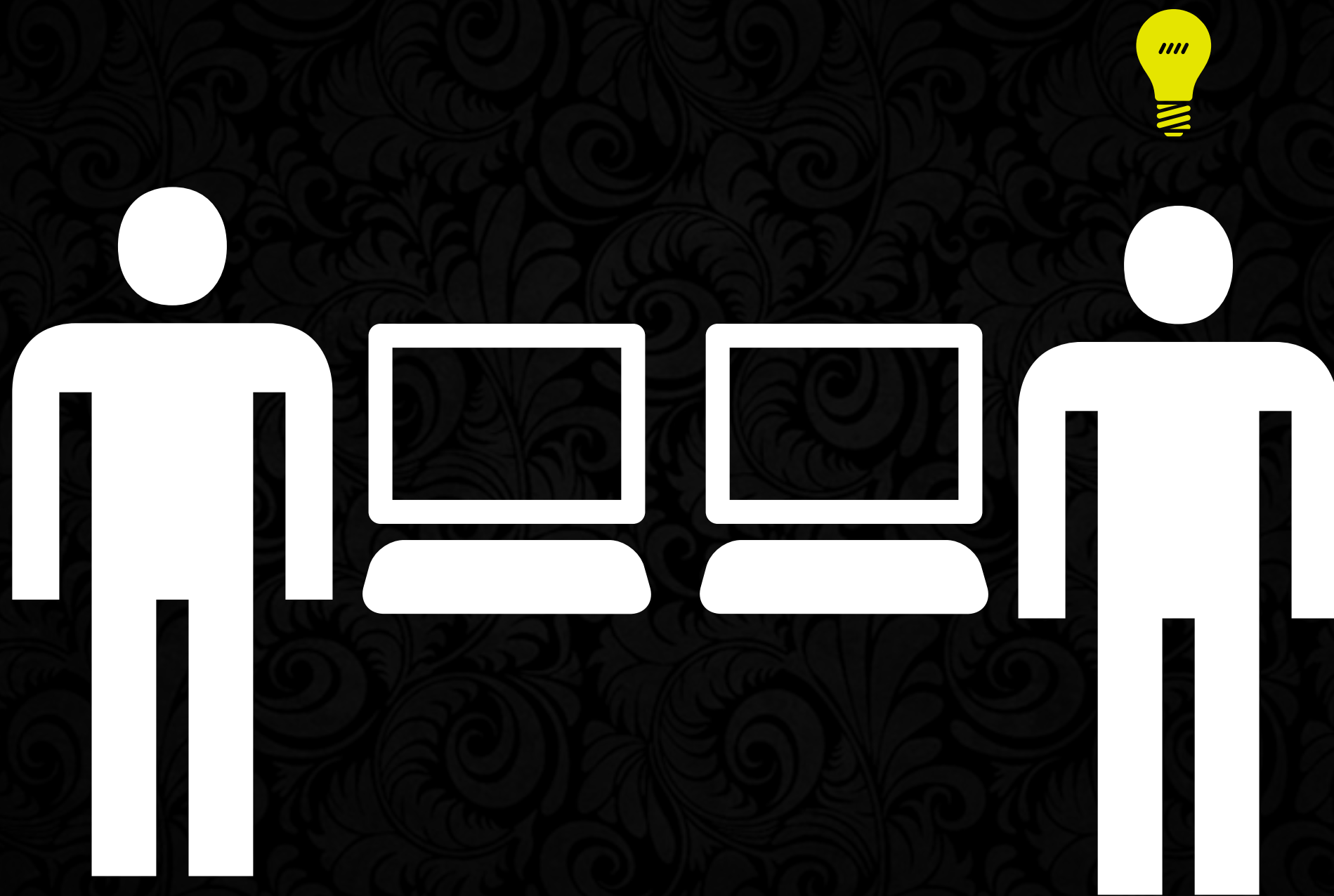




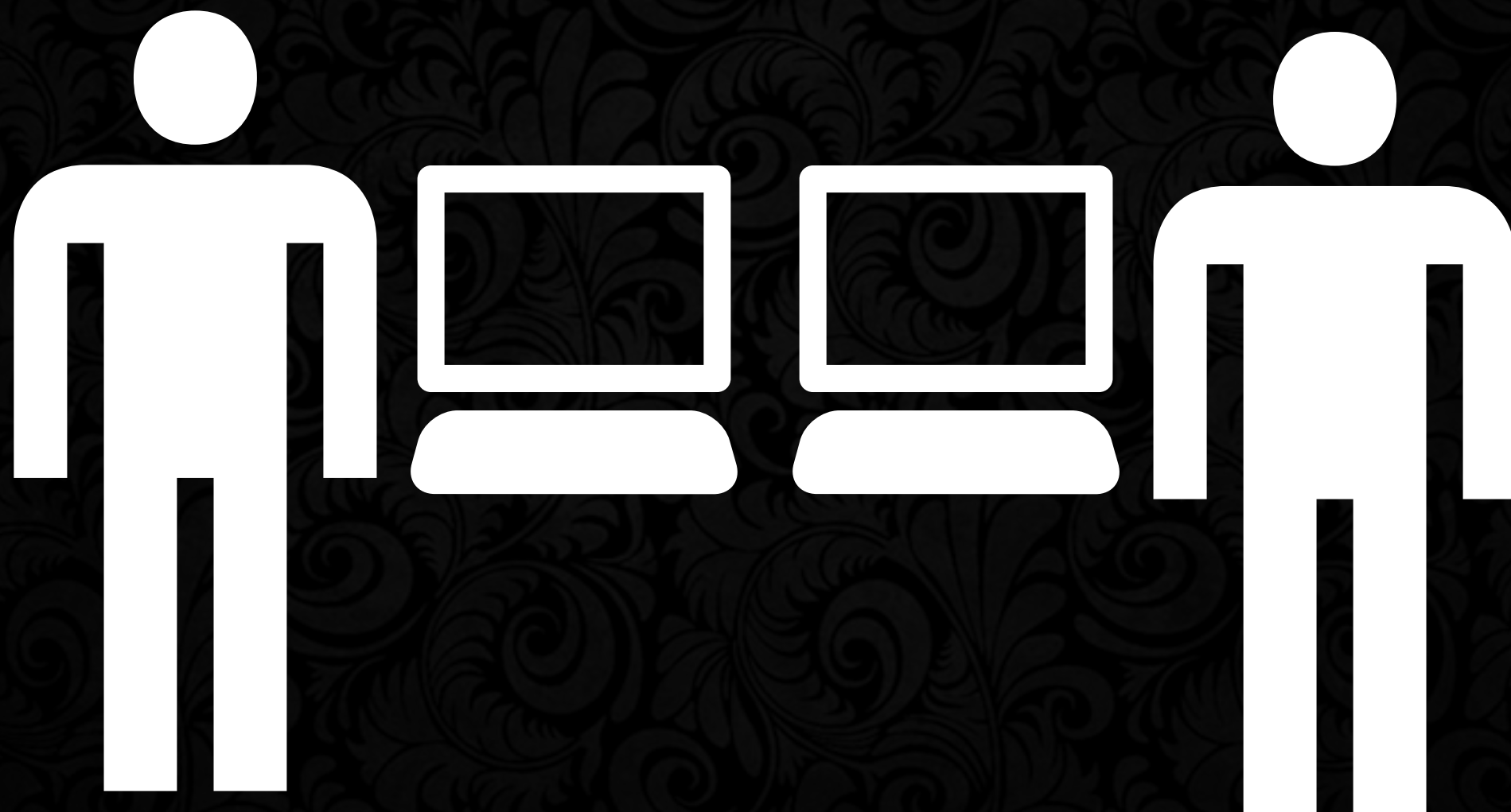


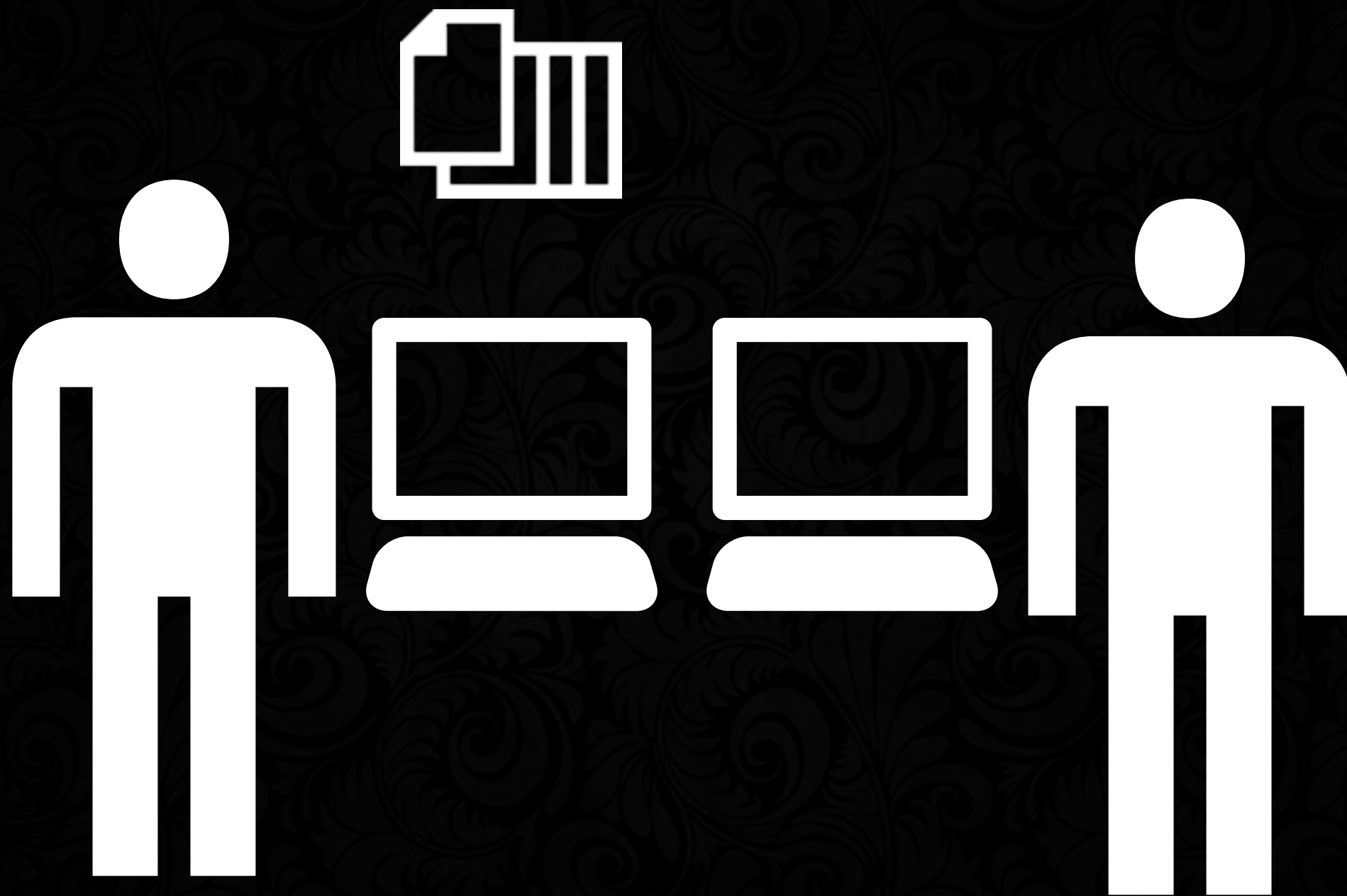


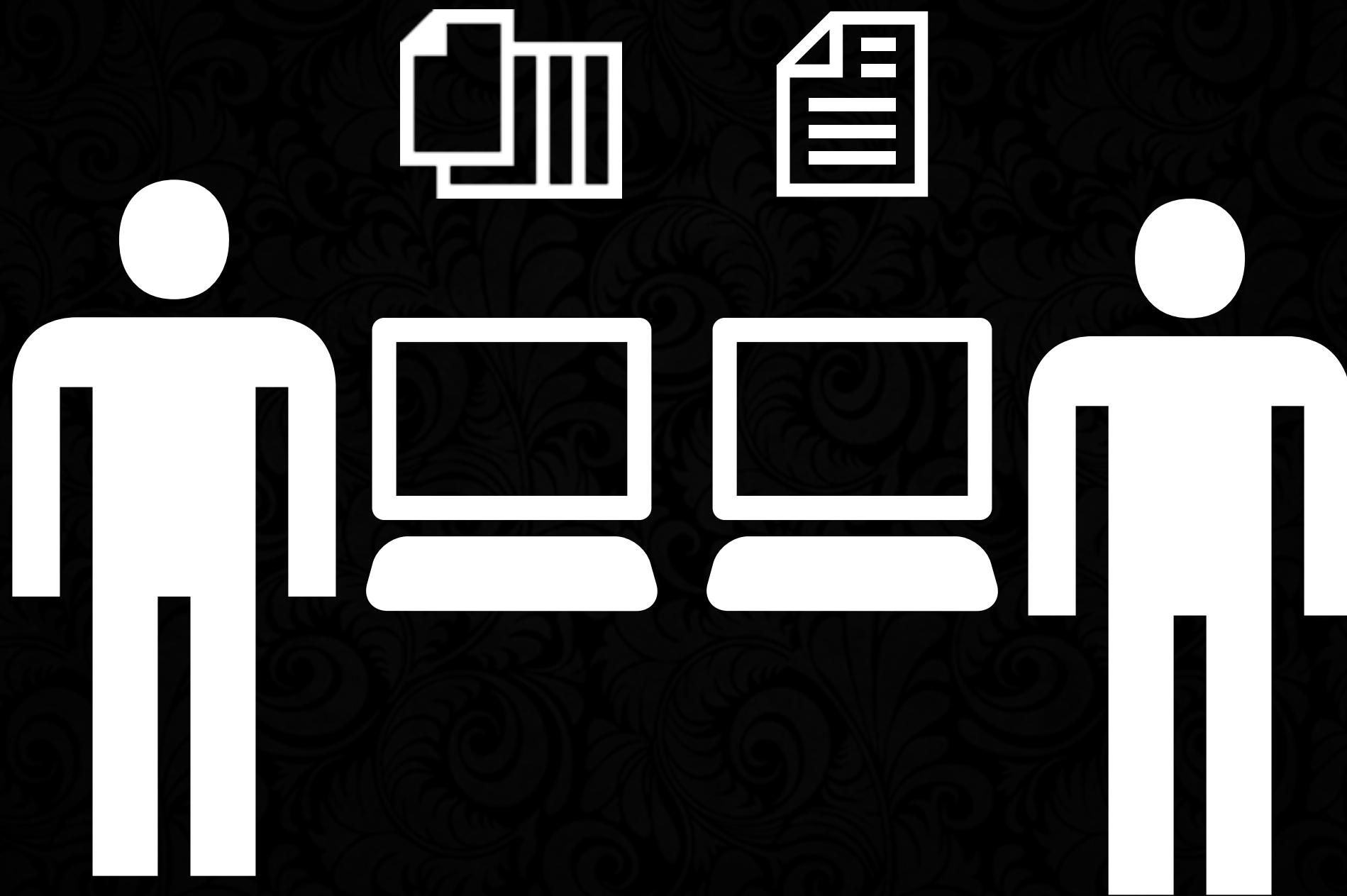






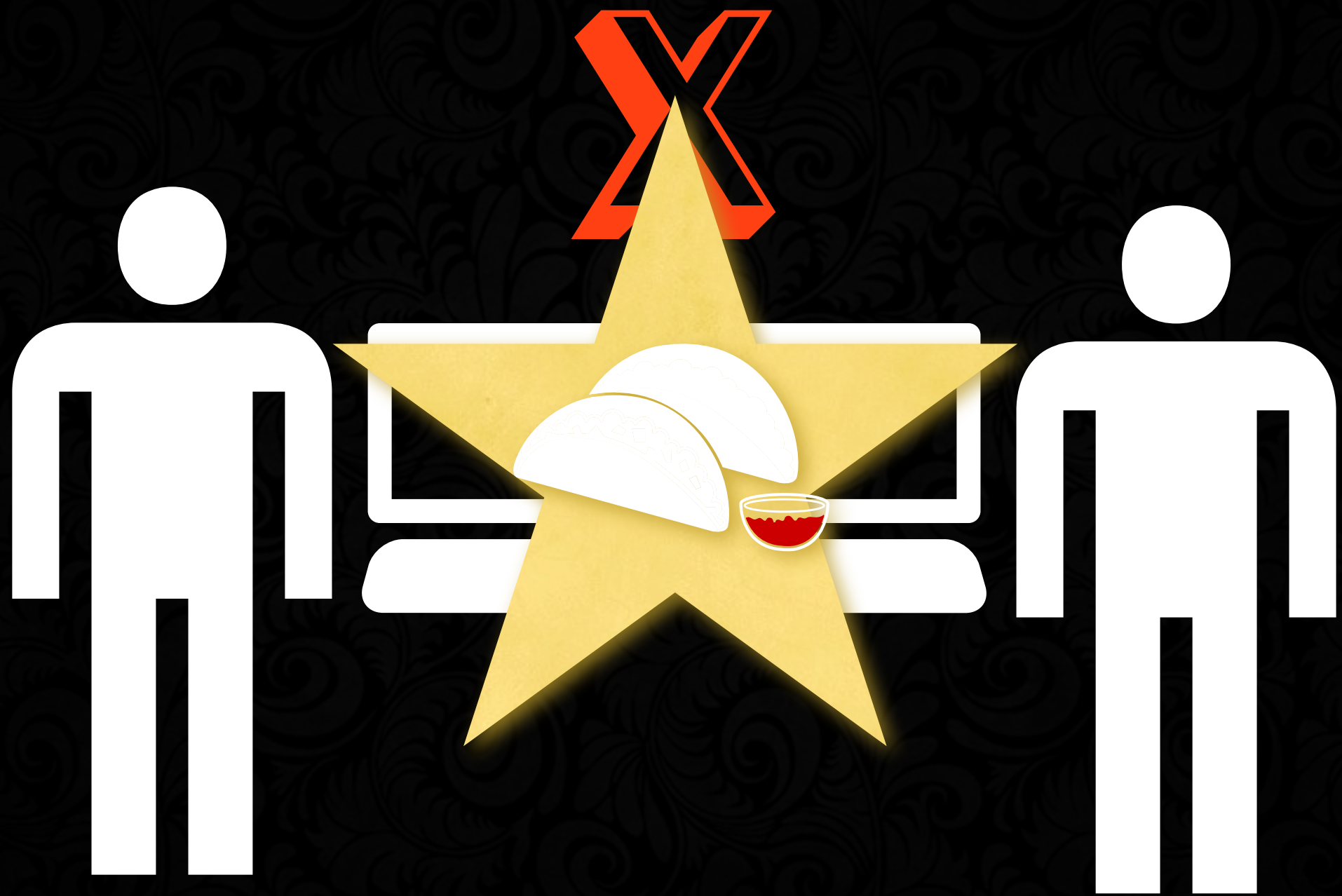


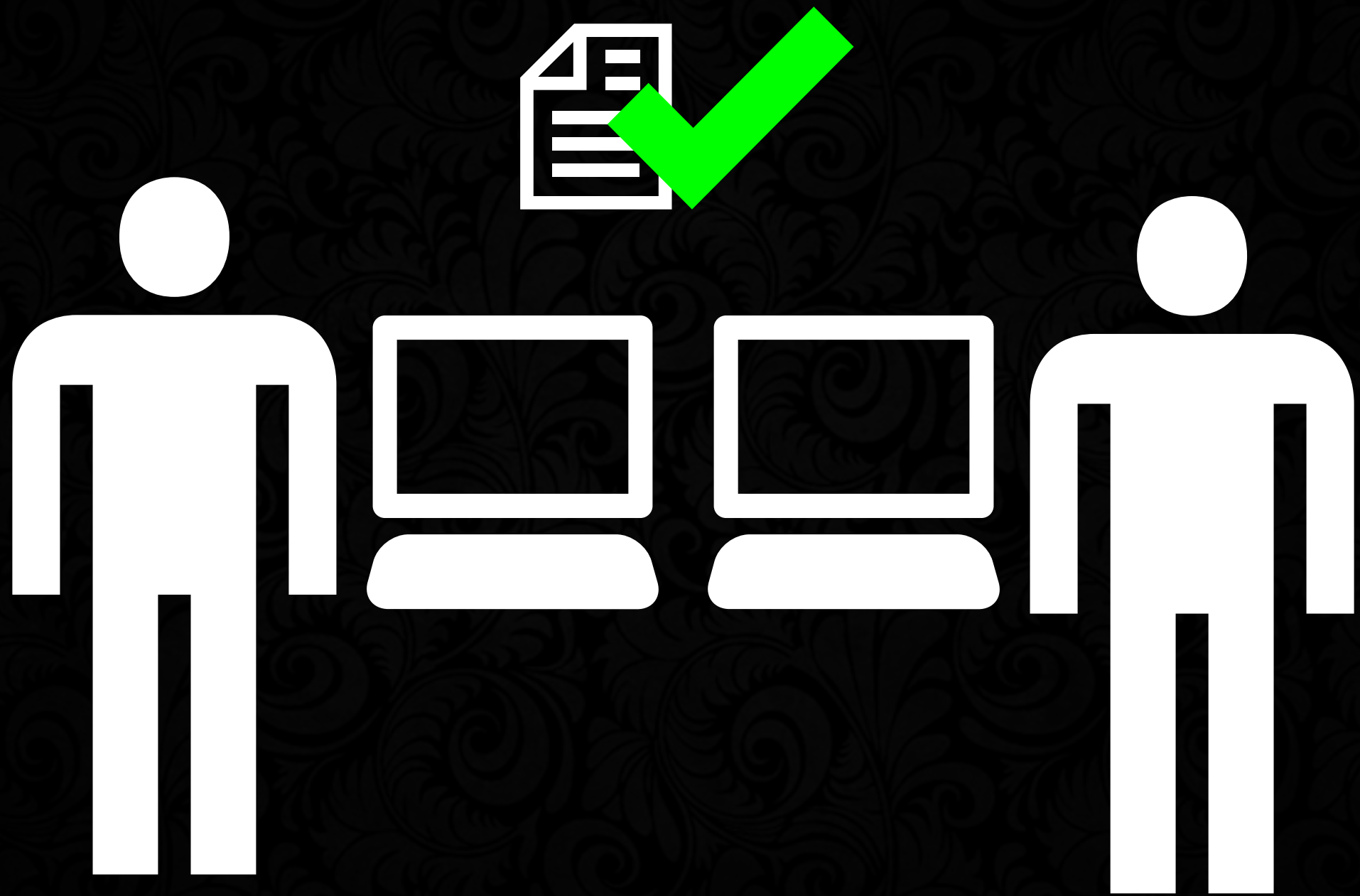


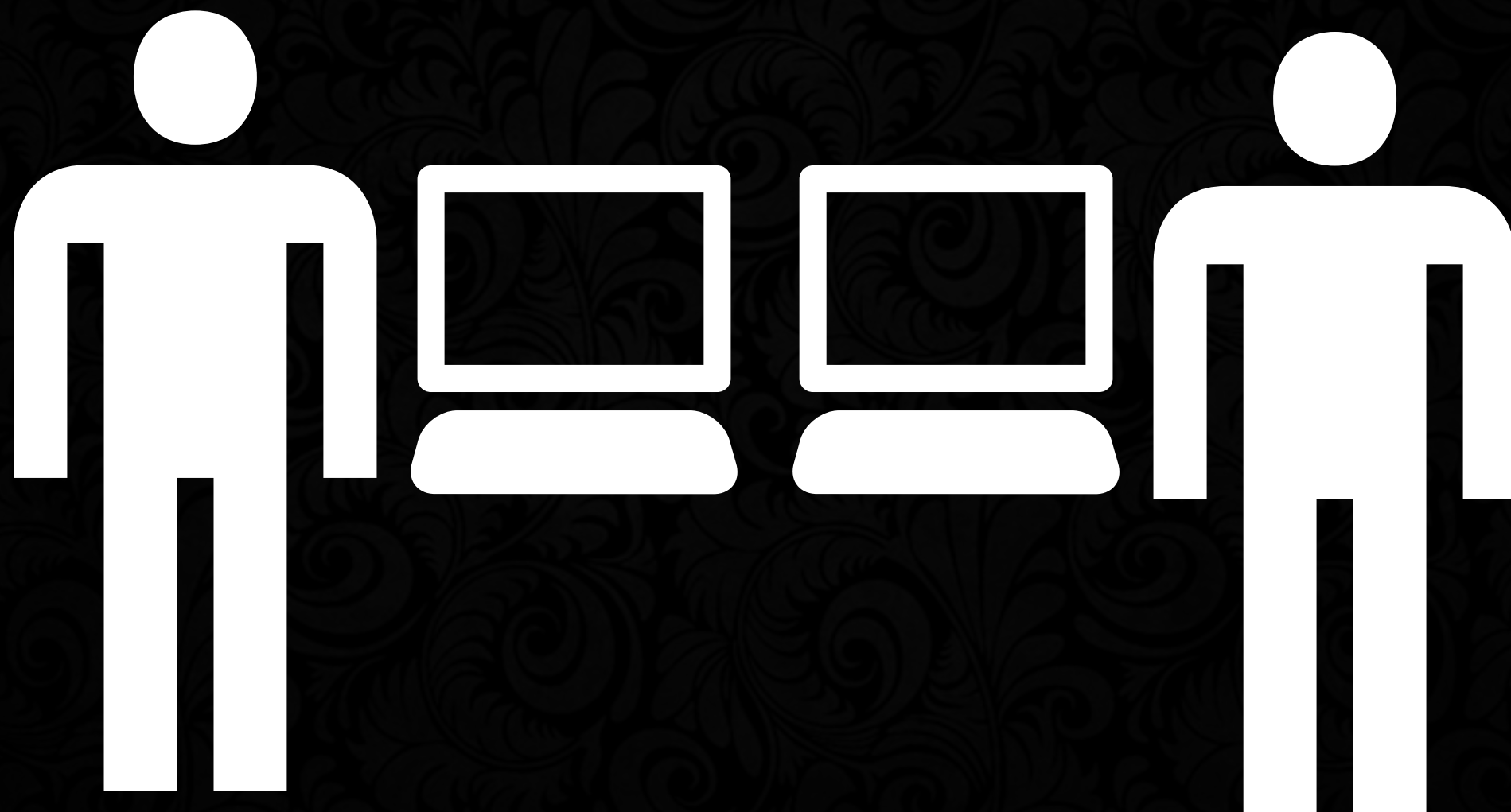










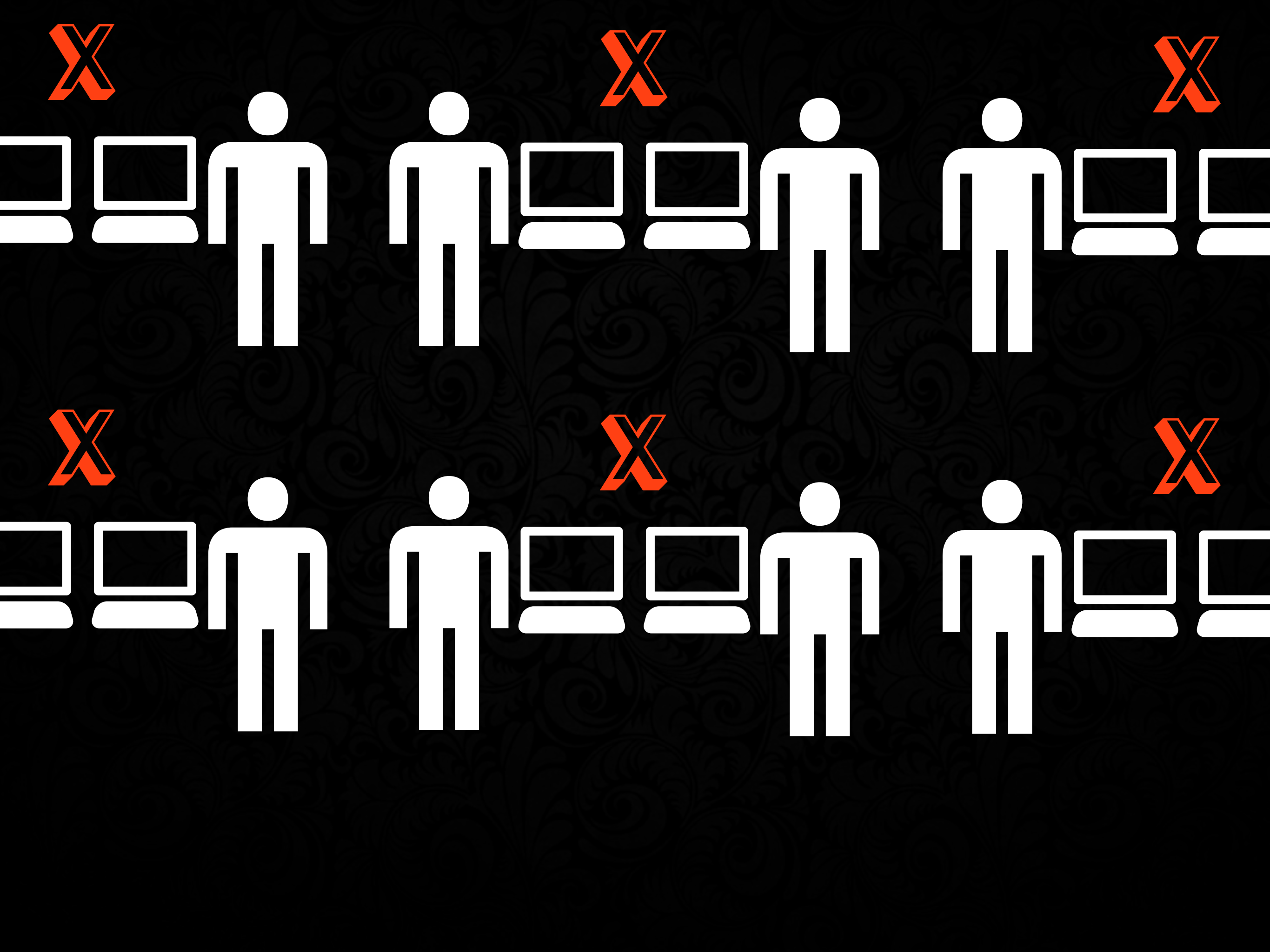




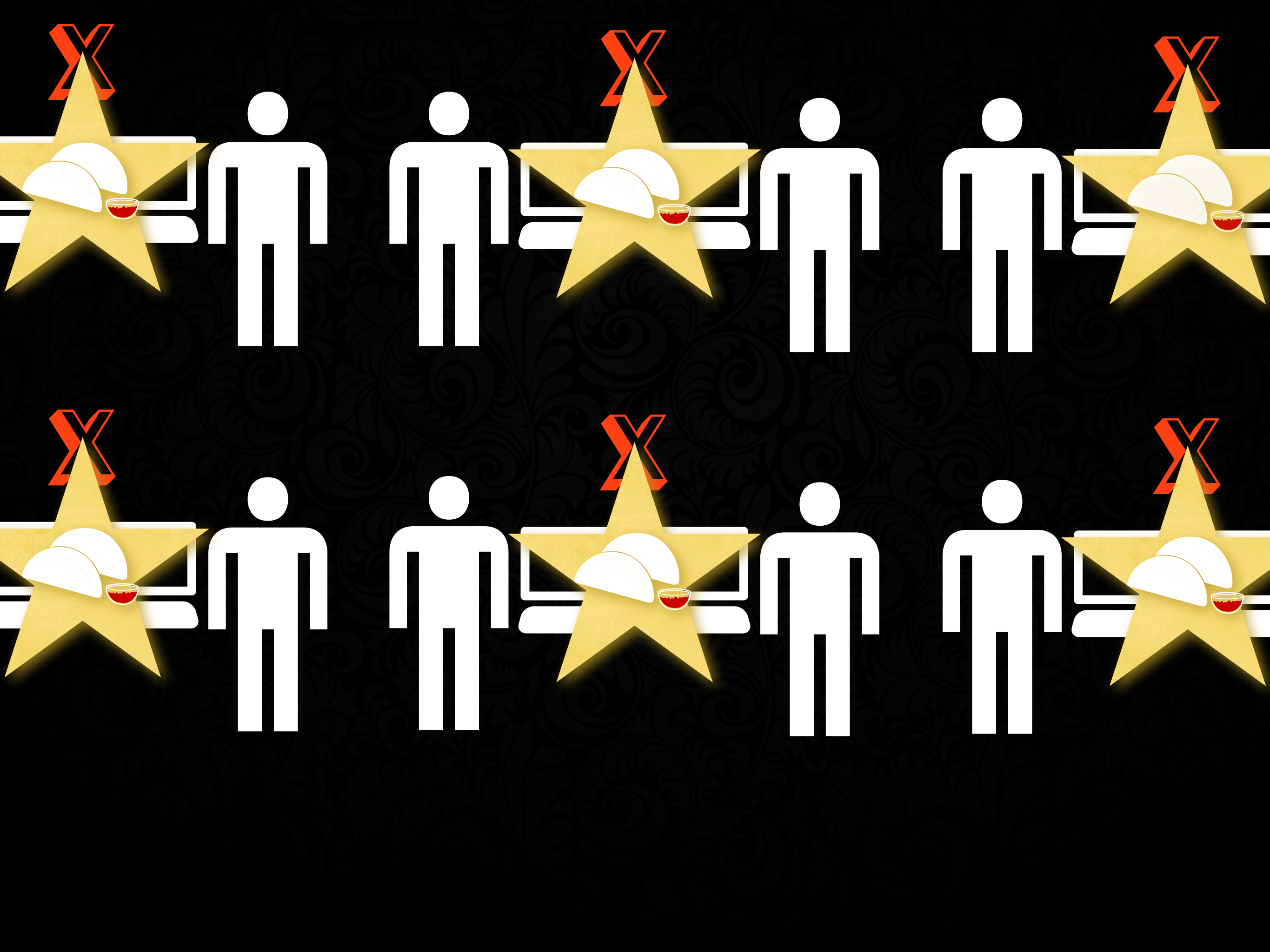


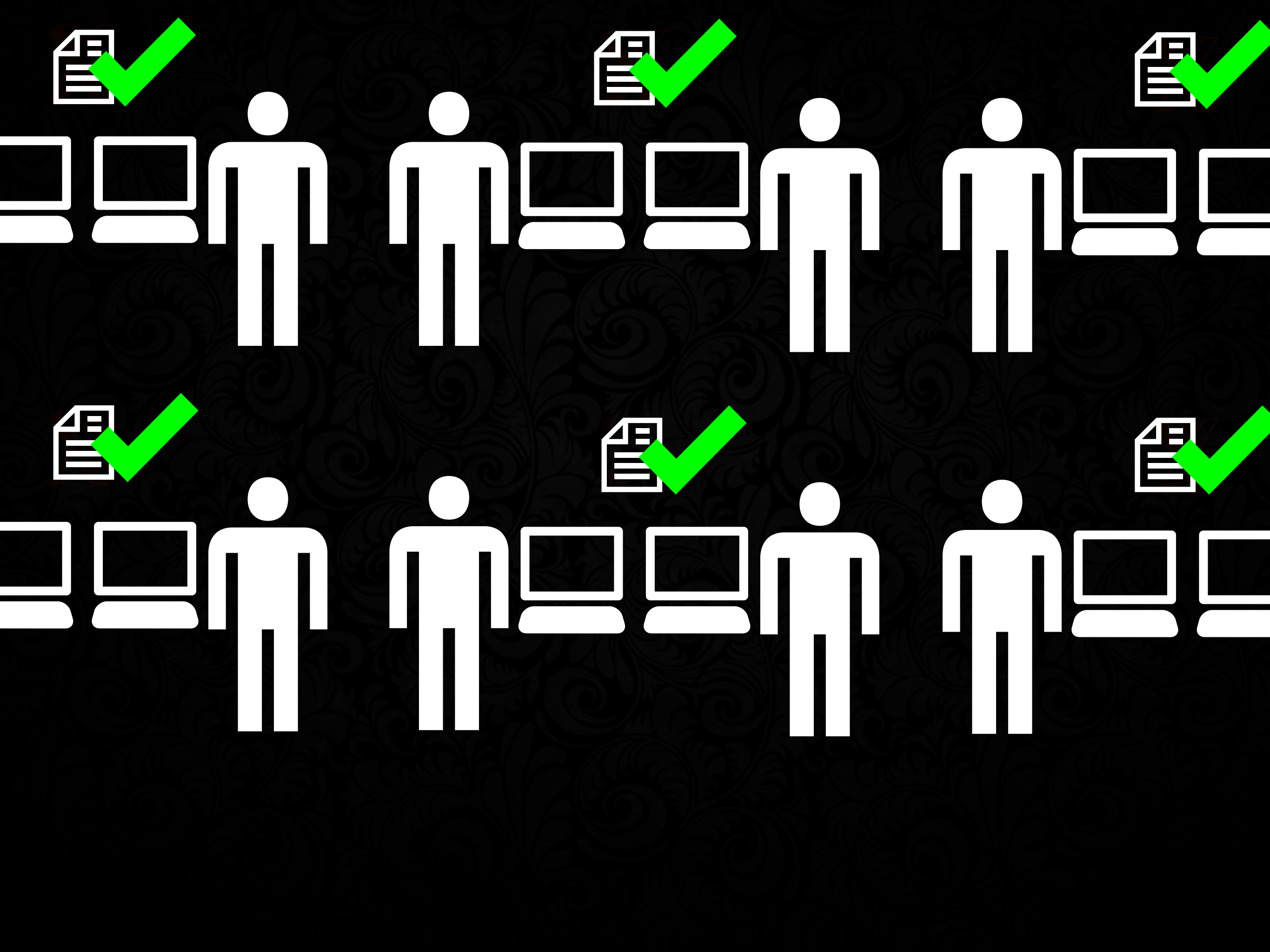


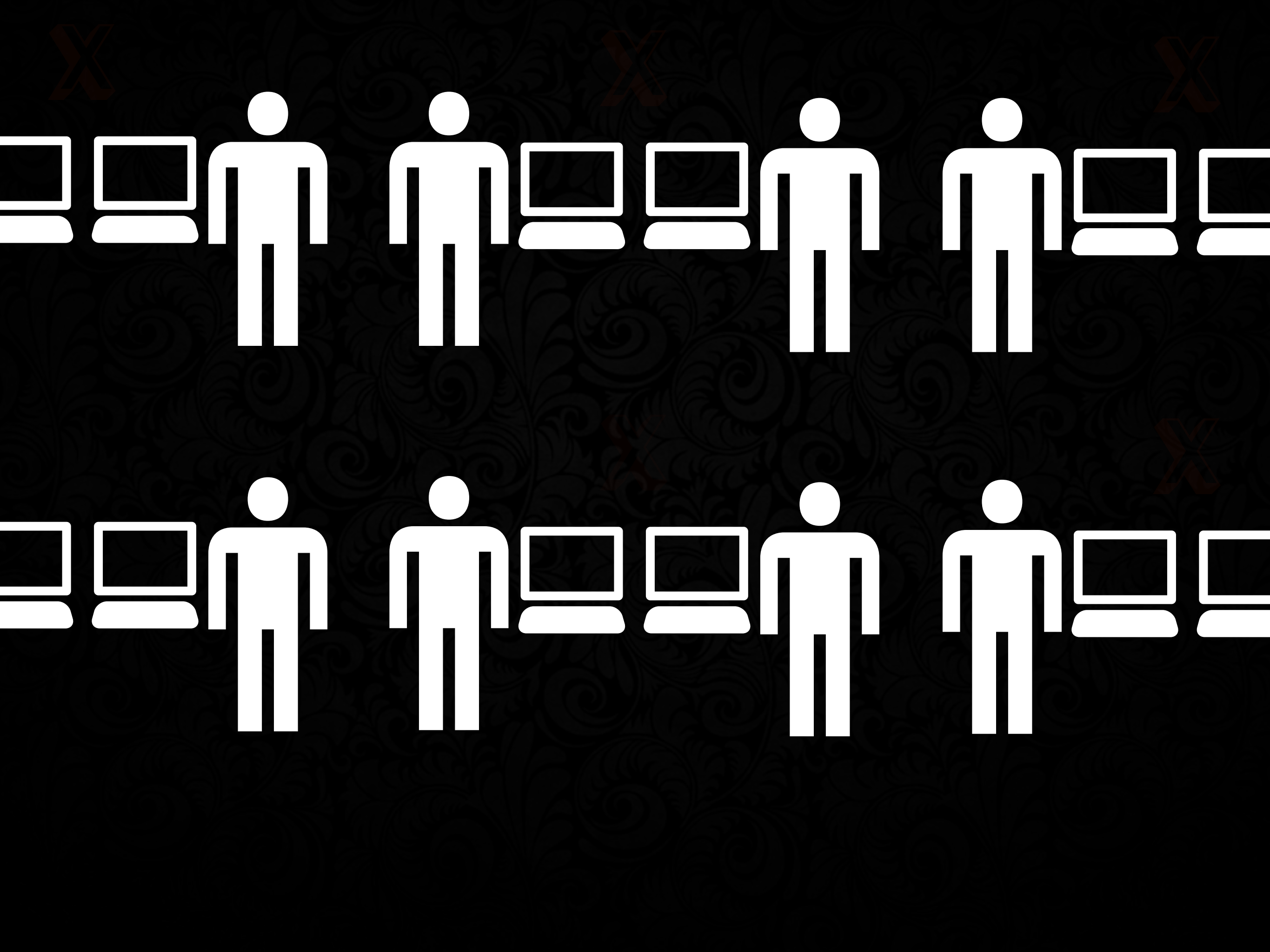




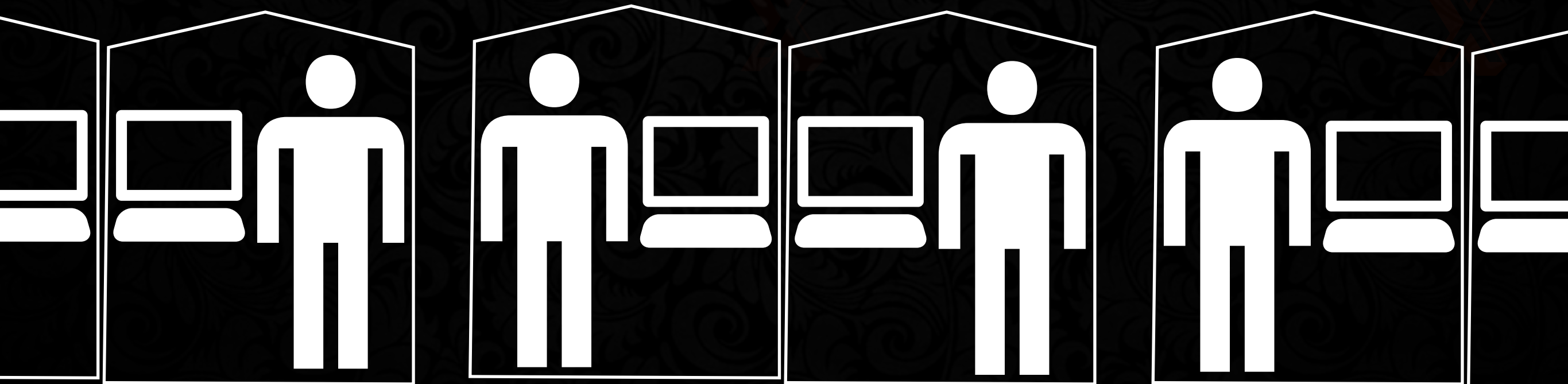








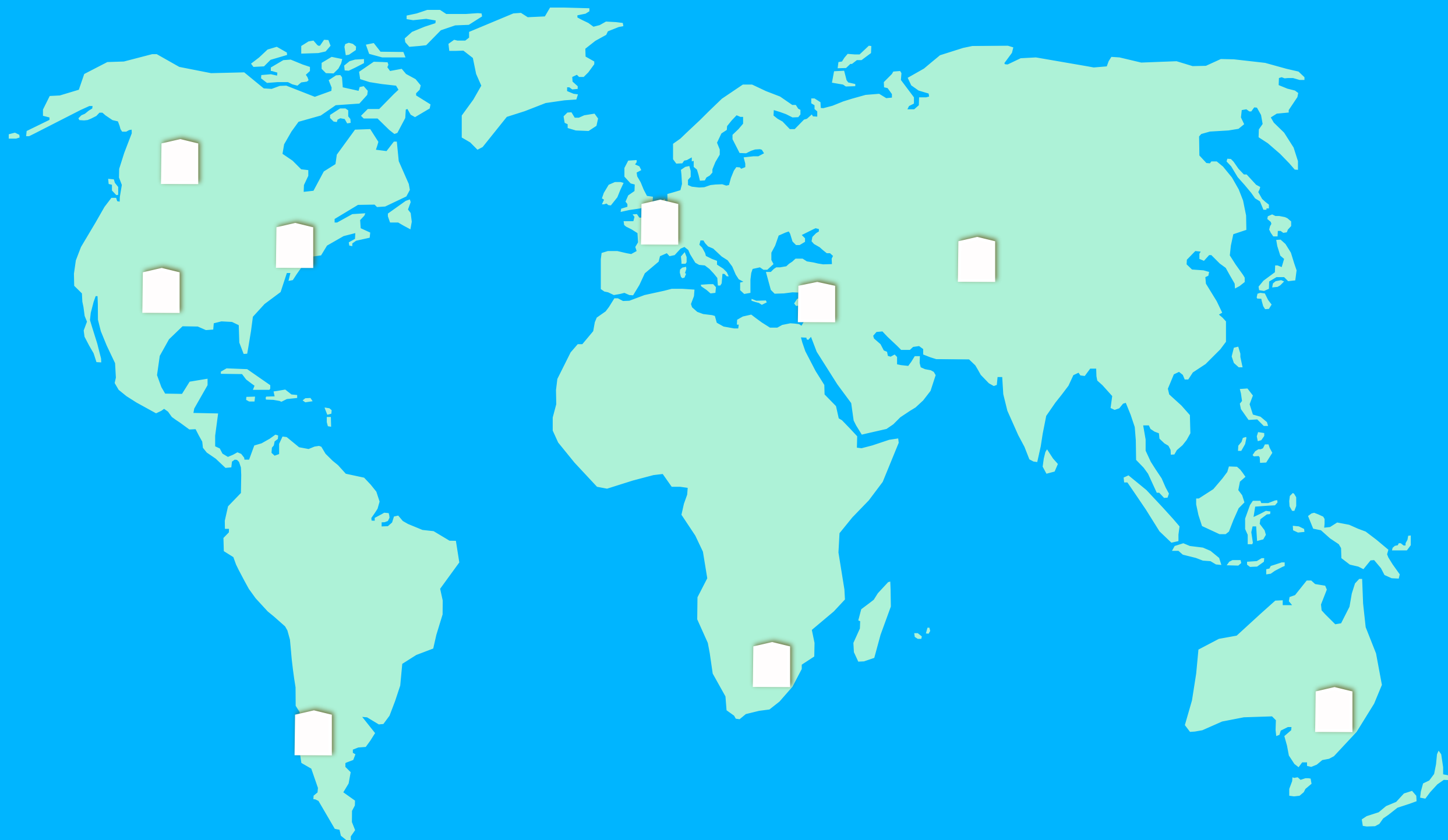


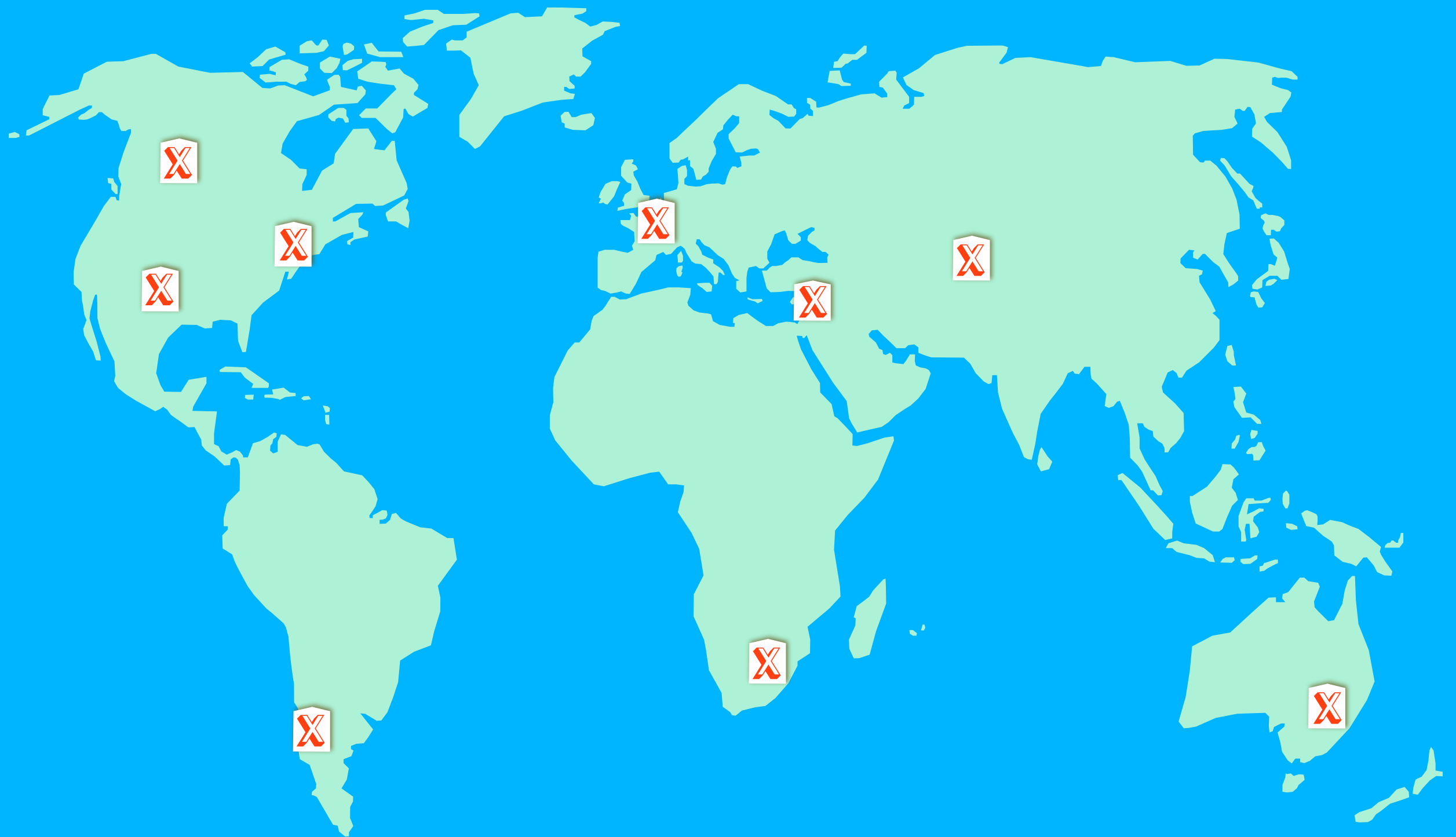


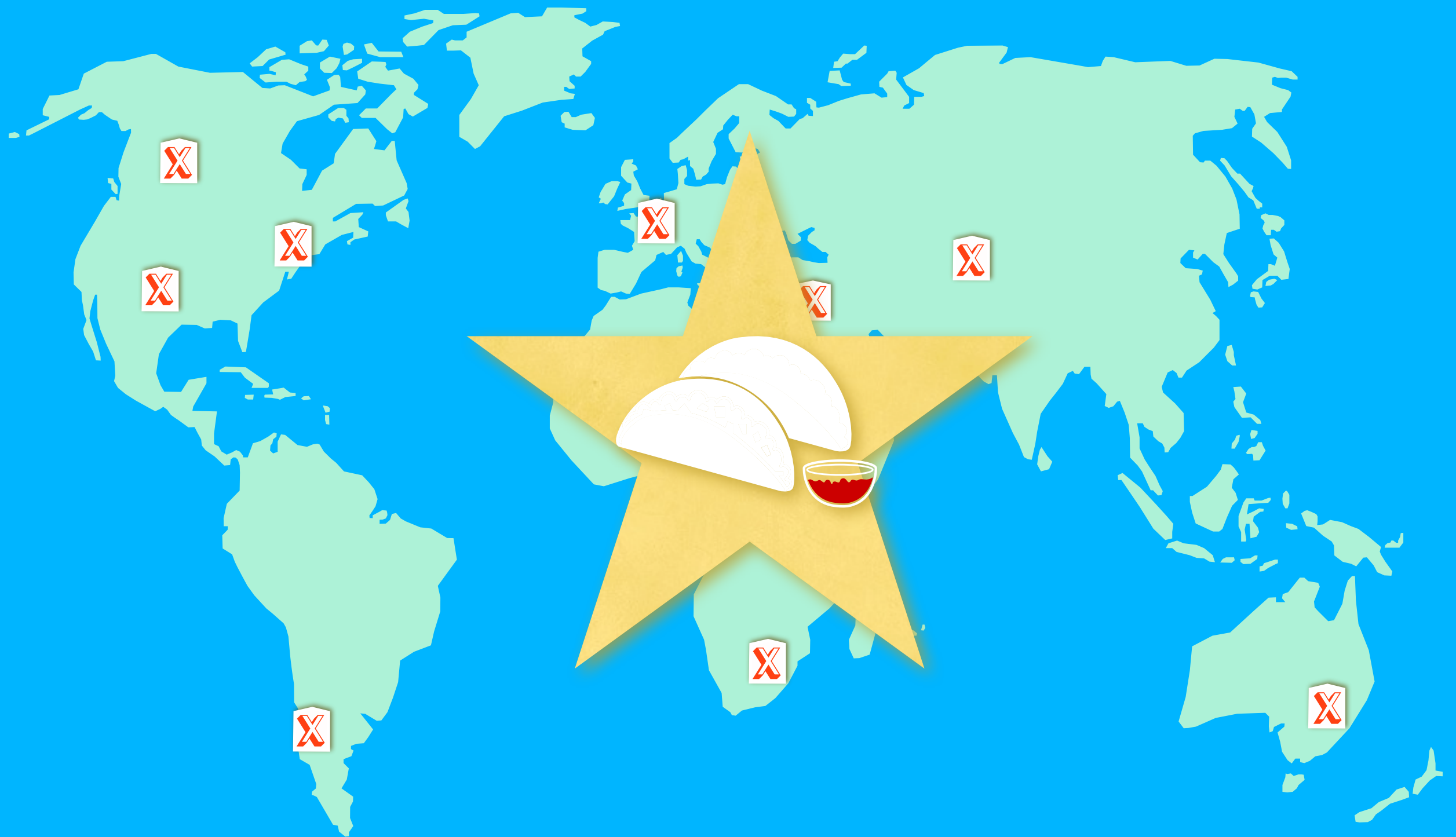








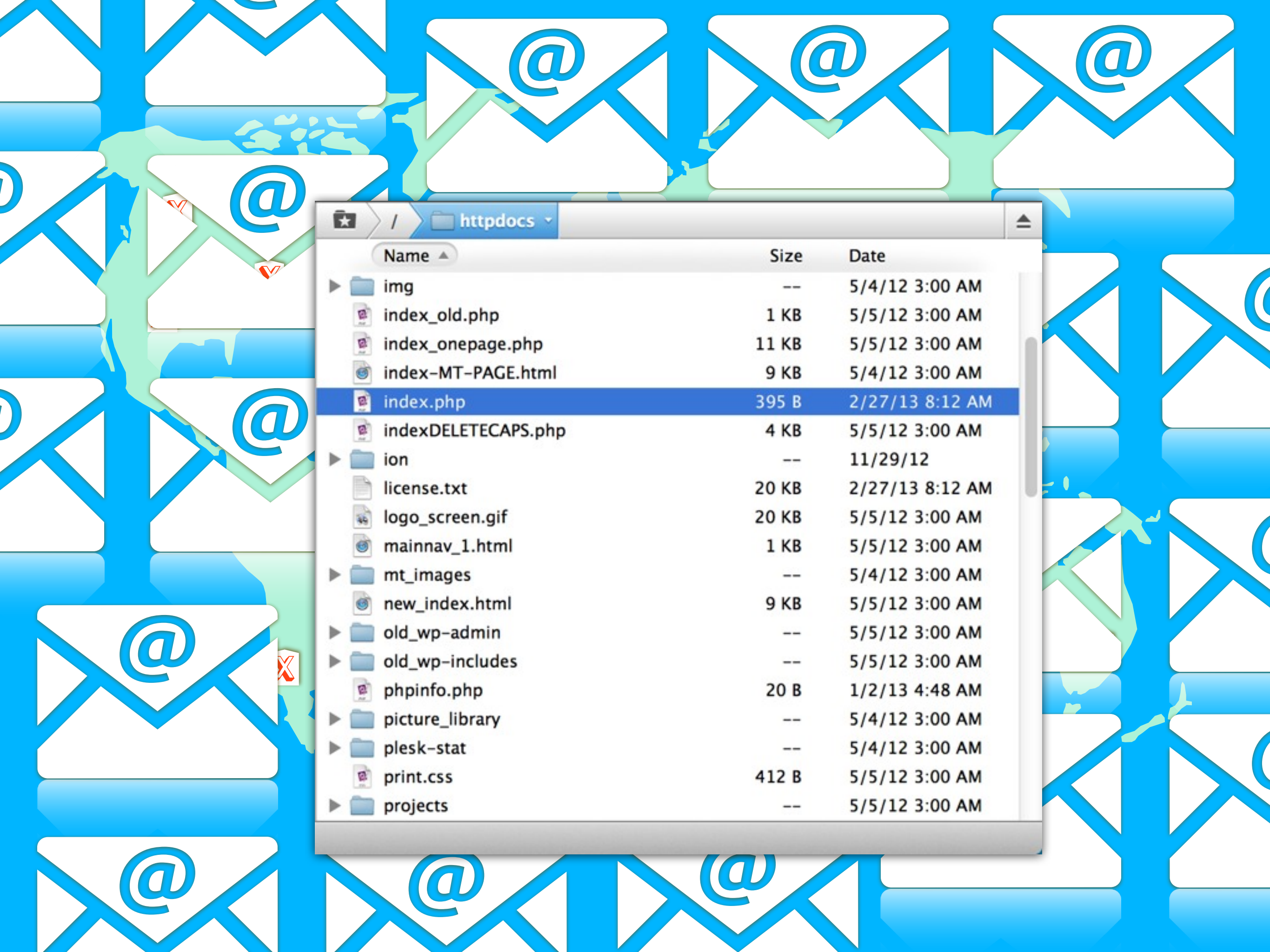






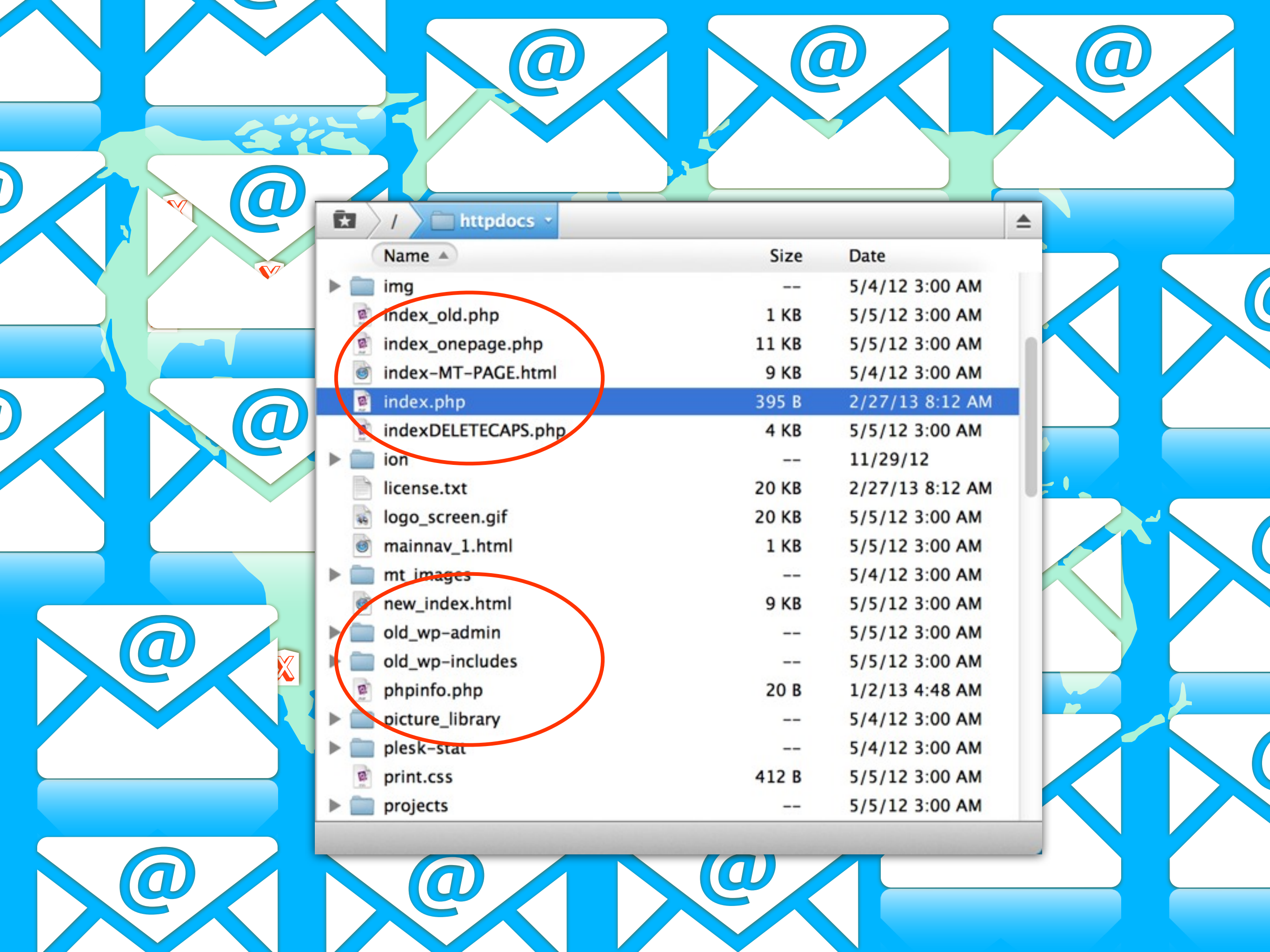






A screenshot of a file explorer window titled 'httpdocs' showing a directory listing. The background features a repeating pattern of blue envelopes with '@' symbols and a green map of Mexico.

Name	Size	Date
img	--	5/4/12 3:00 AM
index_old.php	1 KB	5/5/12 3:00 AM
index_onepage.php	11 KB	5/5/12 3:00 AM
index-MT-PAGE.html	9 KB	5/4/12 3:00 AM
index.php	395 B	2/27/13 8:12 AM
indexDELETECAPS.php	4 KB	5/5/12 3:00 AM
ion	--	11/29/12
license.txt	20 KB	2/27/13 8:12 AM
logo_screen.gif	20 KB	5/5/12 3:00 AM
mainnav_1.html	1 KB	5/5/12 3:00 AM
mt_images	--	5/4/12 3:00 AM
new_index.html	9 KB	5/5/12 3:00 AM
old_wp-admin	--	5/5/12 3:00 AM
old_wp-includes	--	5/5/12 3:00 AM
phpinfo.php	20 B	1/2/13 4:48 AM
picture_library	--	5/4/12 3:00 AM
plesk-stat	--	5/4/12 3:00 AM
print.css	412 B	5/5/12 3:00 AM
projects	--	5/5/12 3:00 AM



A screenshot of a file explorer window showing the contents of a directory named 'httpdocs'. The window has a title bar with a star icon, a path bar showing '/', and a dropdown menu for 'httpdocs'. The main area displays a list of files and folders with columns for Name, Size, and Date. Two red circles highlight specific items: one around 'index\_old.php', 'index\_onepage.php', 'index-MT-PAGE.html', and 'index.php'; the other around 'new\_index.html', 'old\_wp-admin', 'old\_wp-includes', and 'phpinfo.php'. The 'index.php' file is highlighted with a blue selection bar.

Name	Size	Date
img	--	5/4/12 3:00 AM
index_old.php	1 KB	5/5/12 3:00 AM
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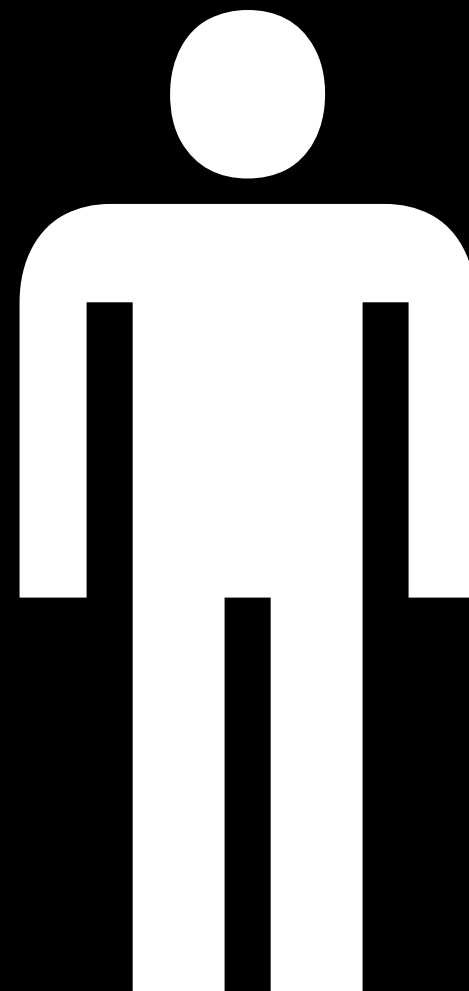
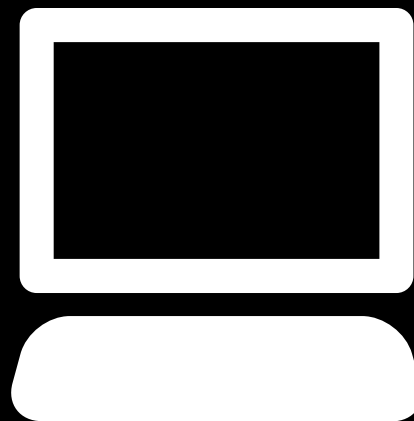
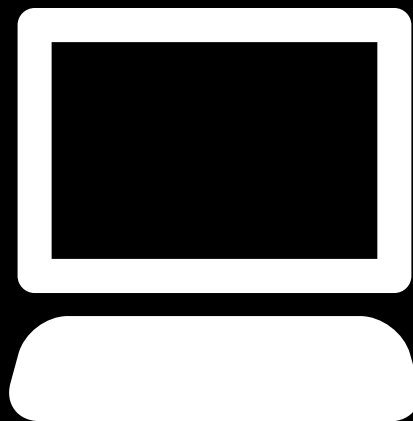
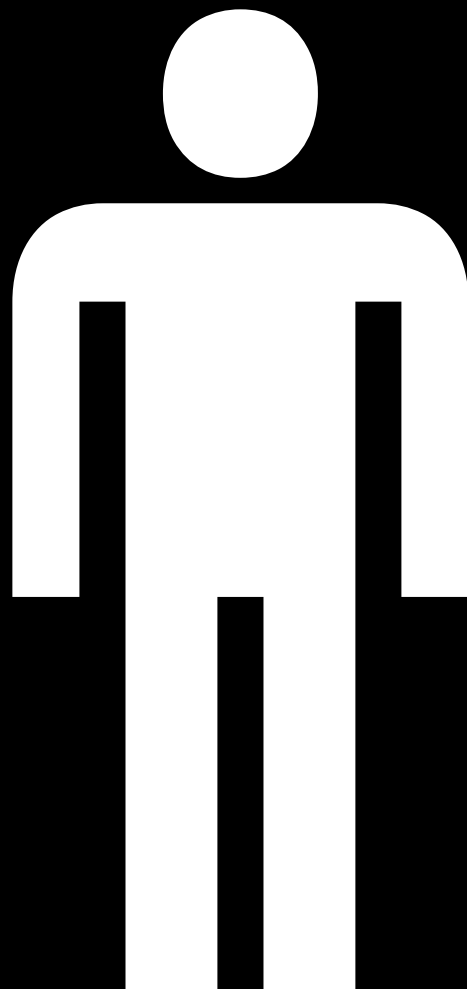
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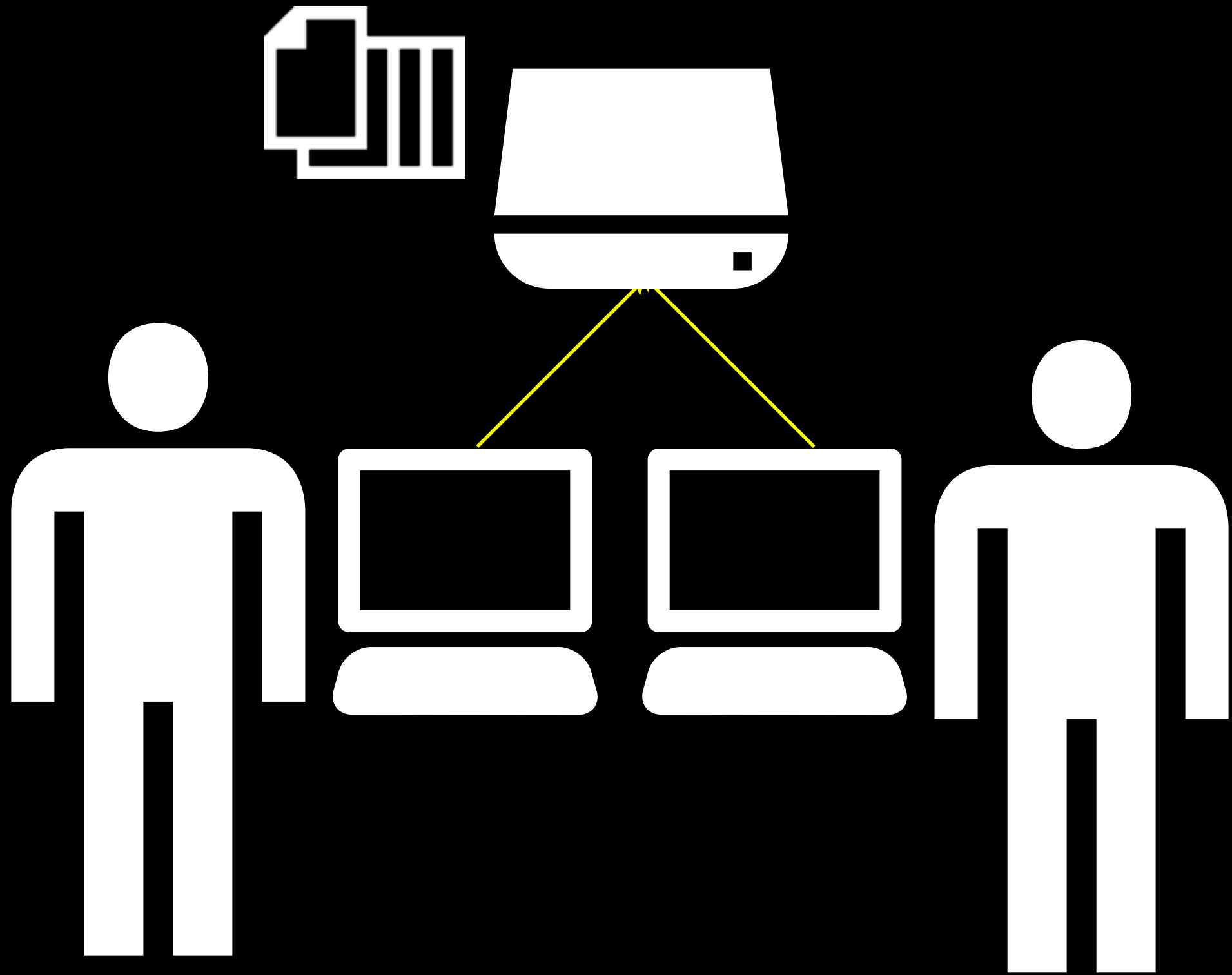
- “Cowboy coding”
- Centralized code base



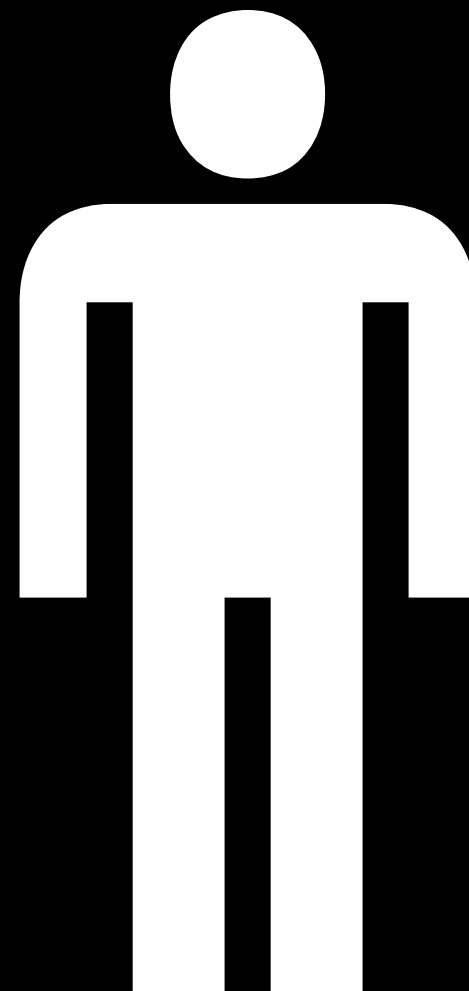
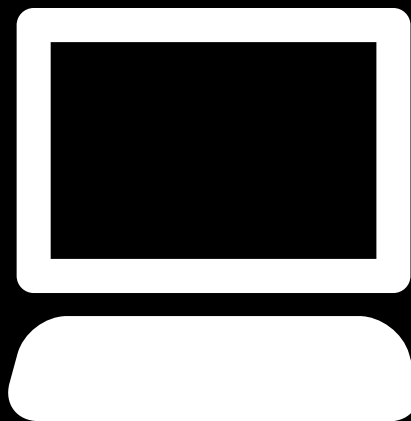
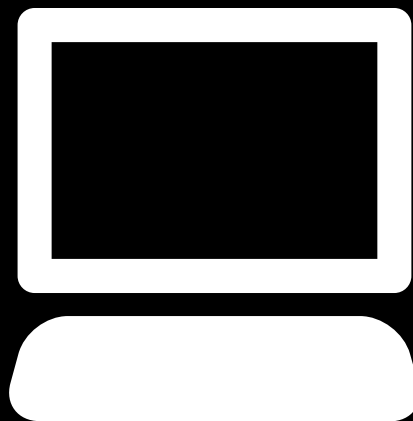
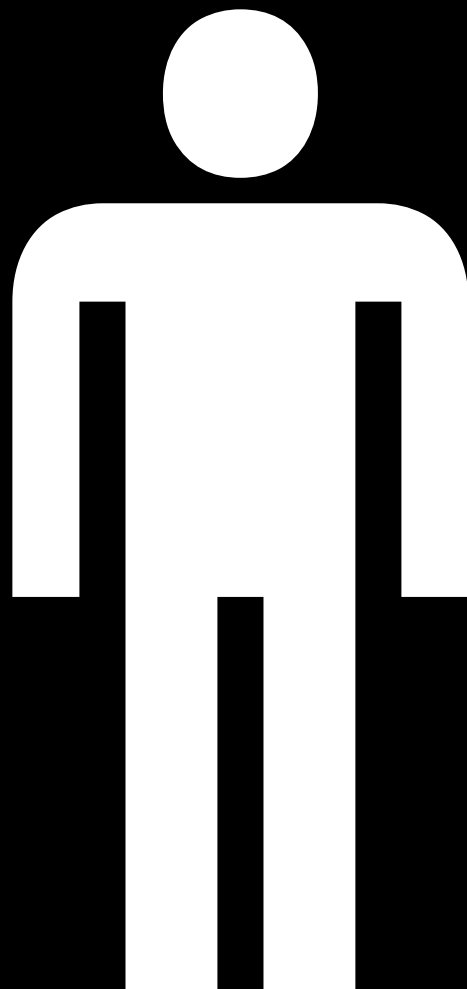


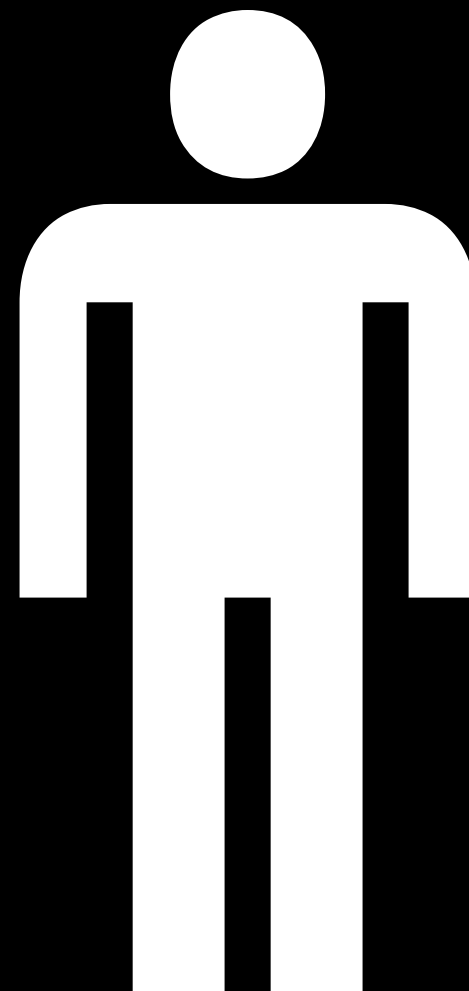
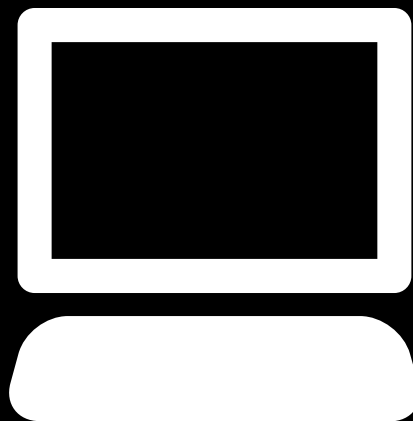
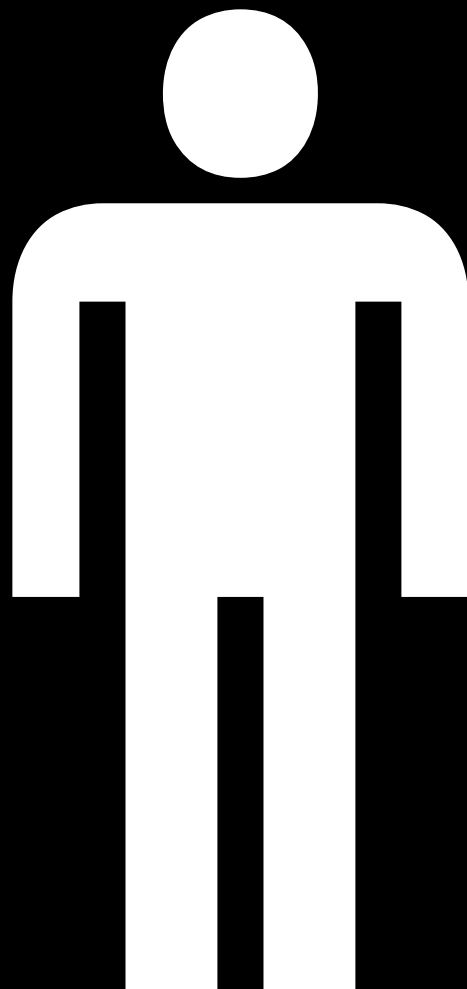


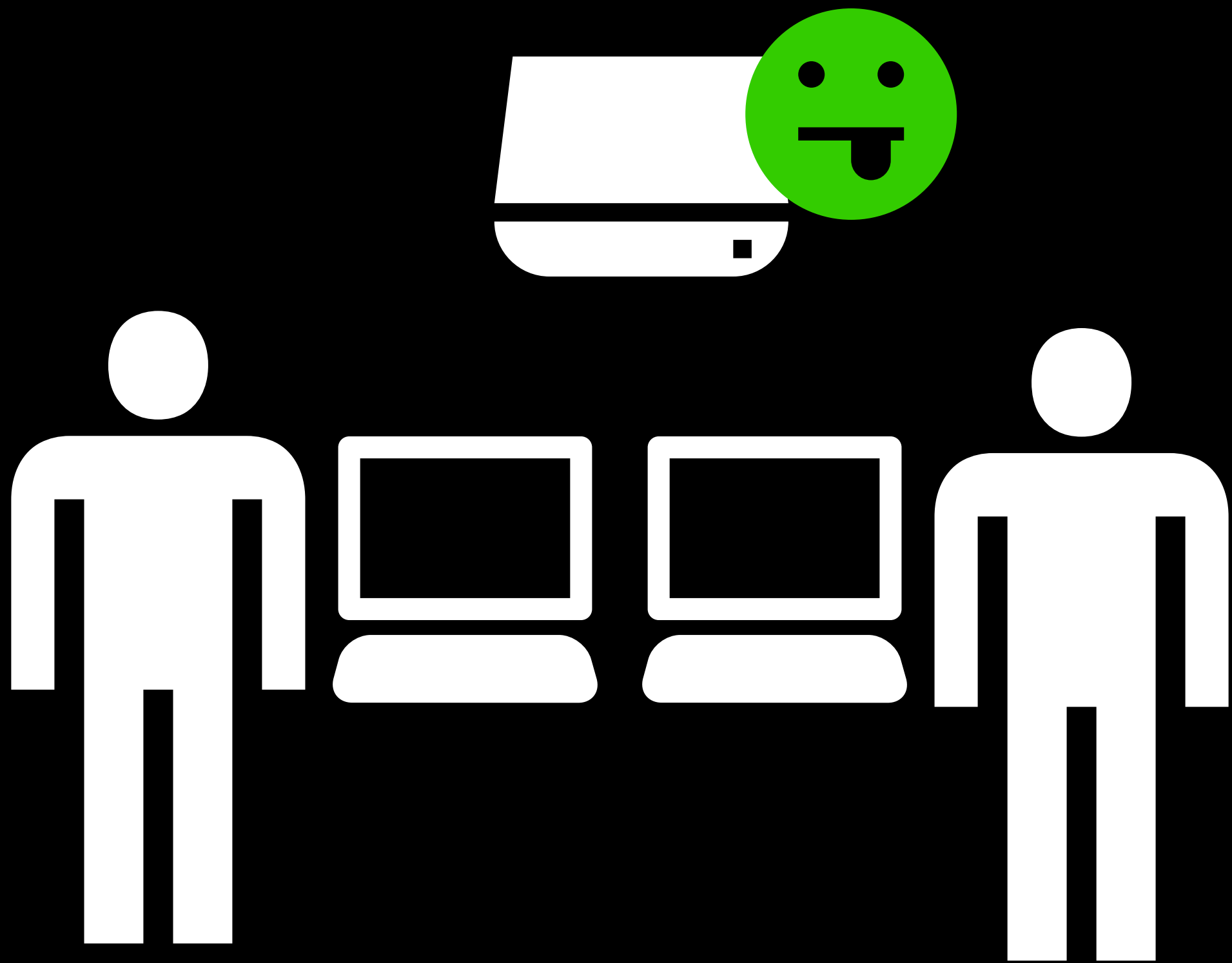


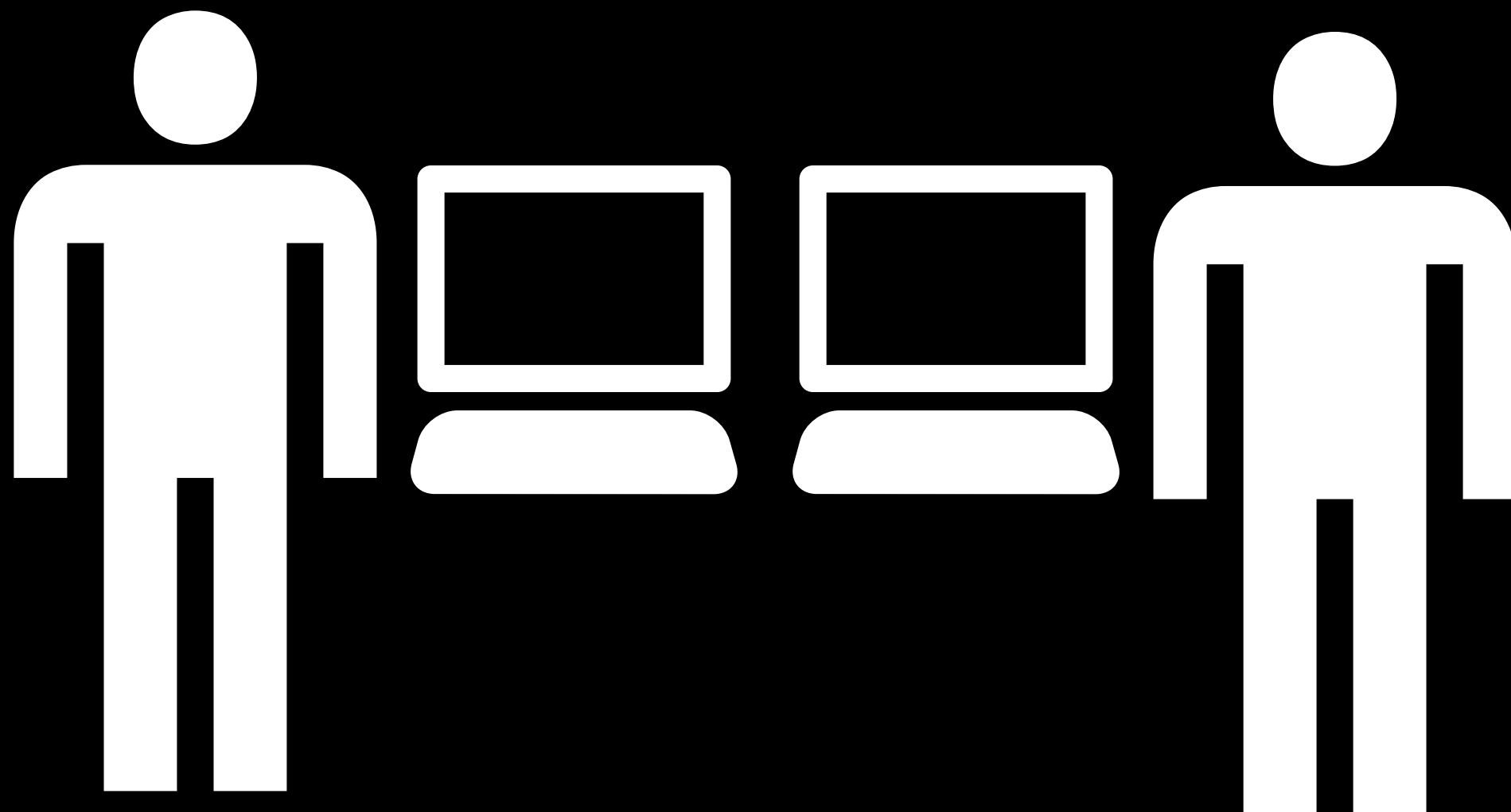




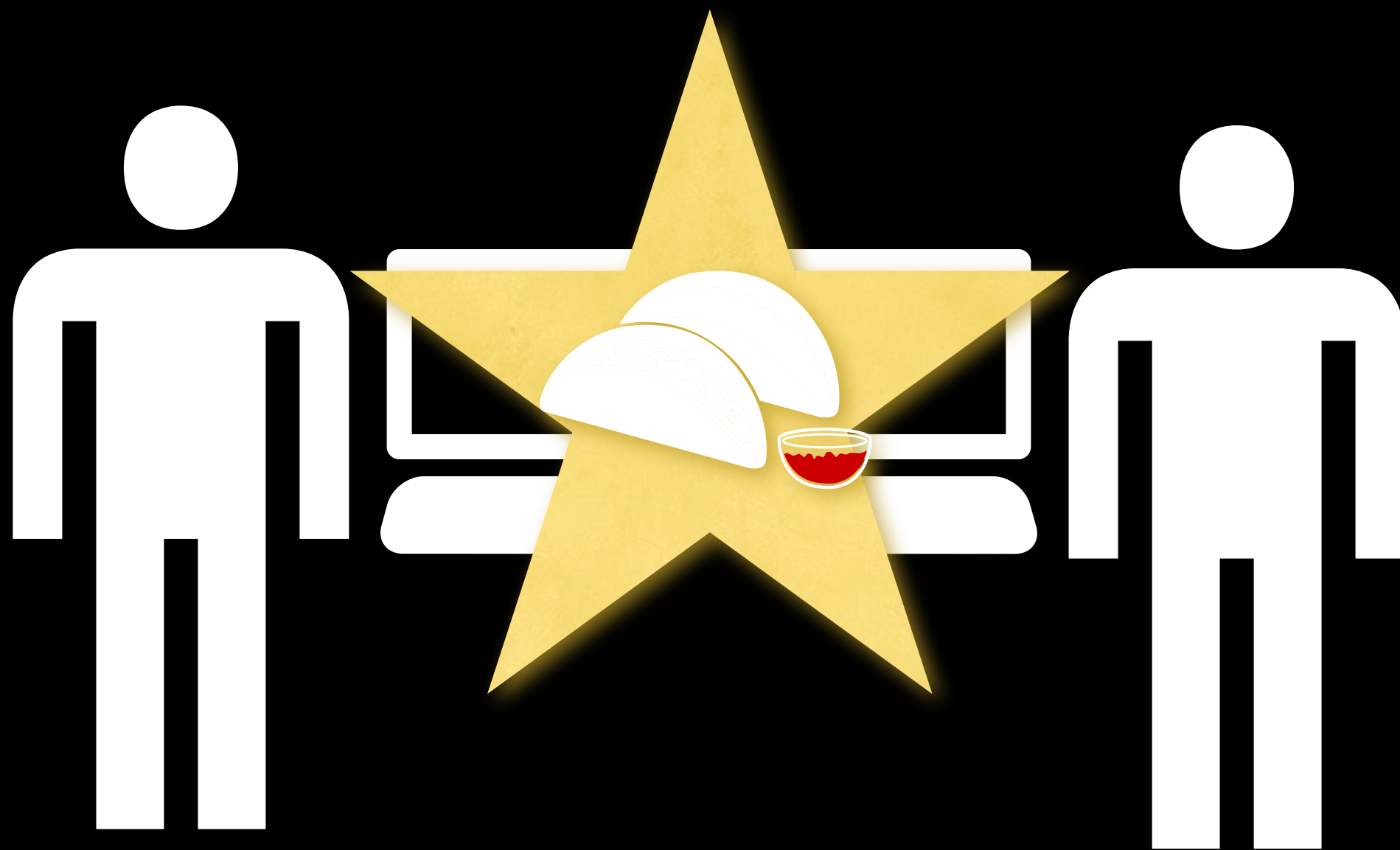














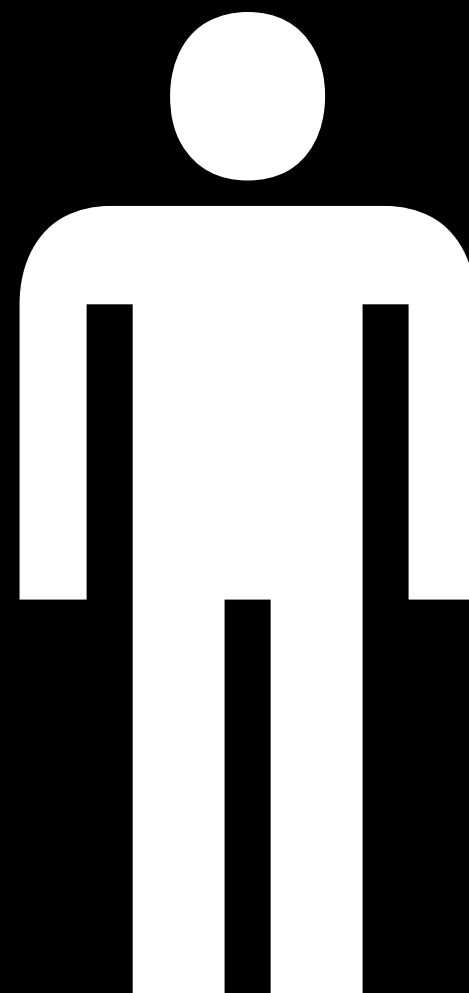
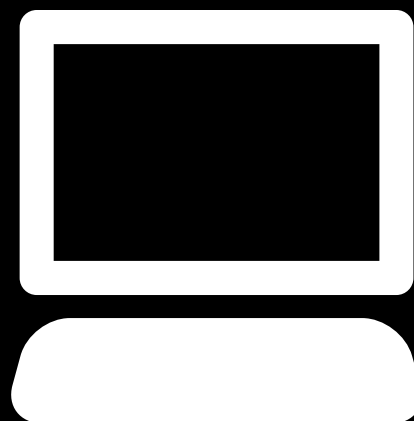
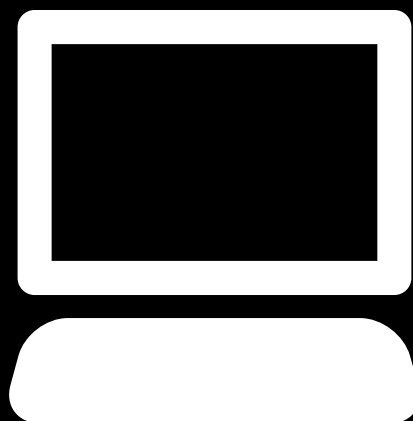
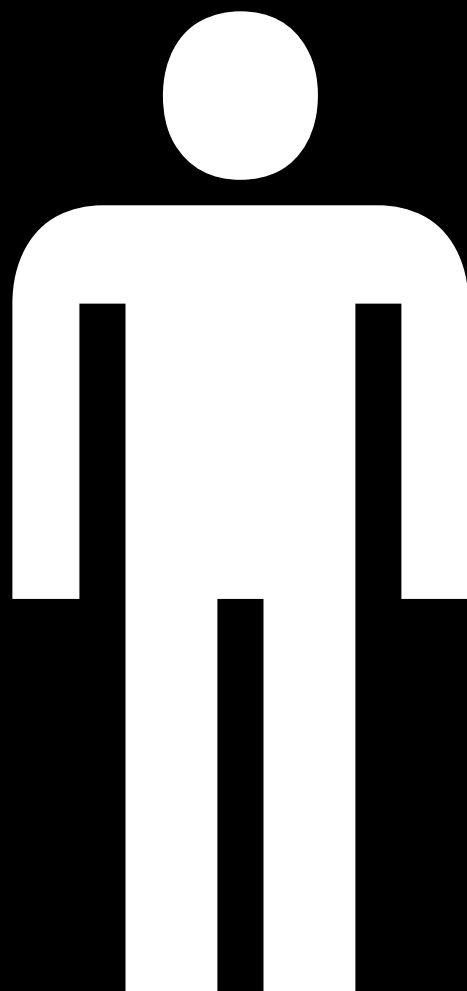
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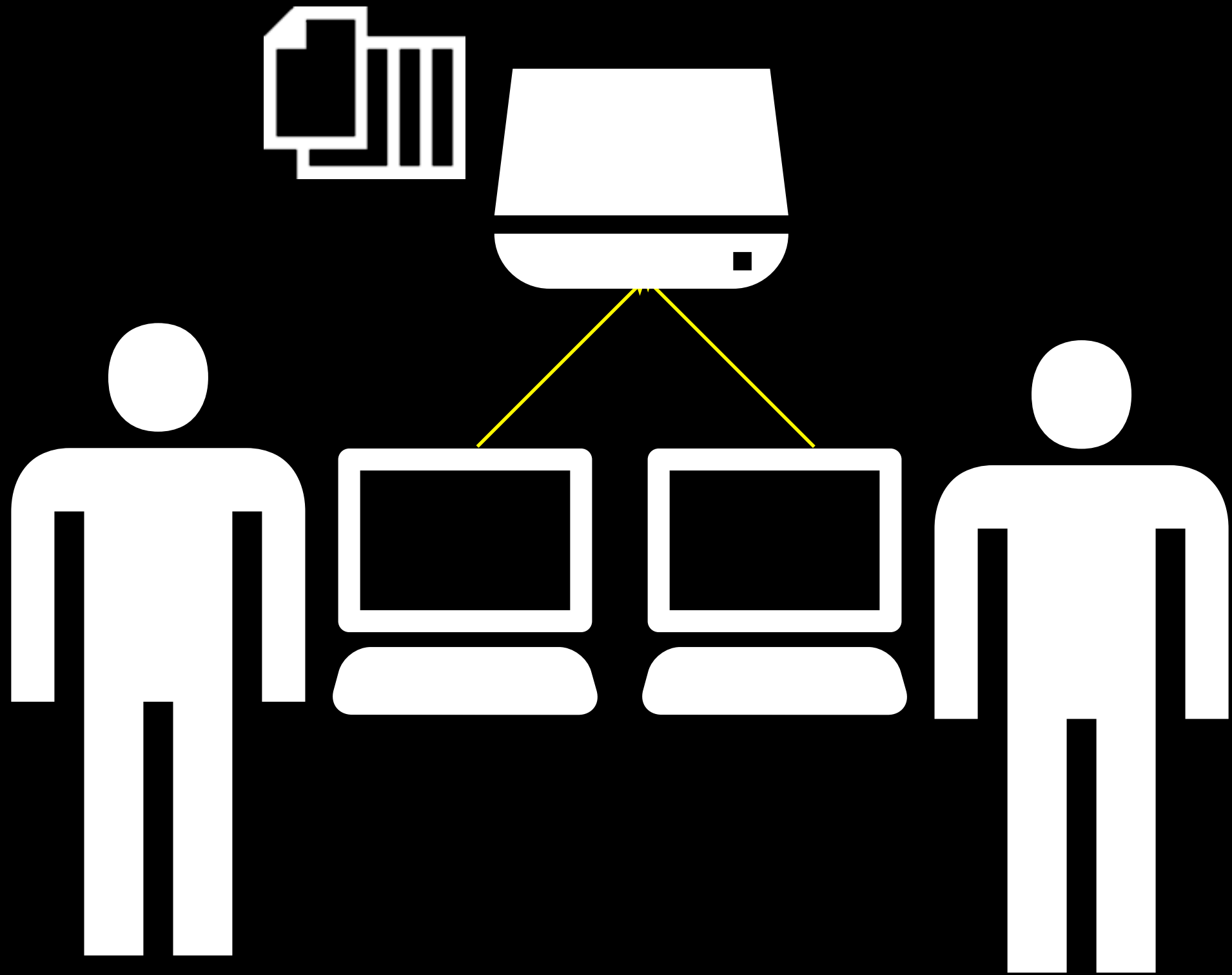
- “Cowboy coding”
- Centralized code base
- Decentralized code base

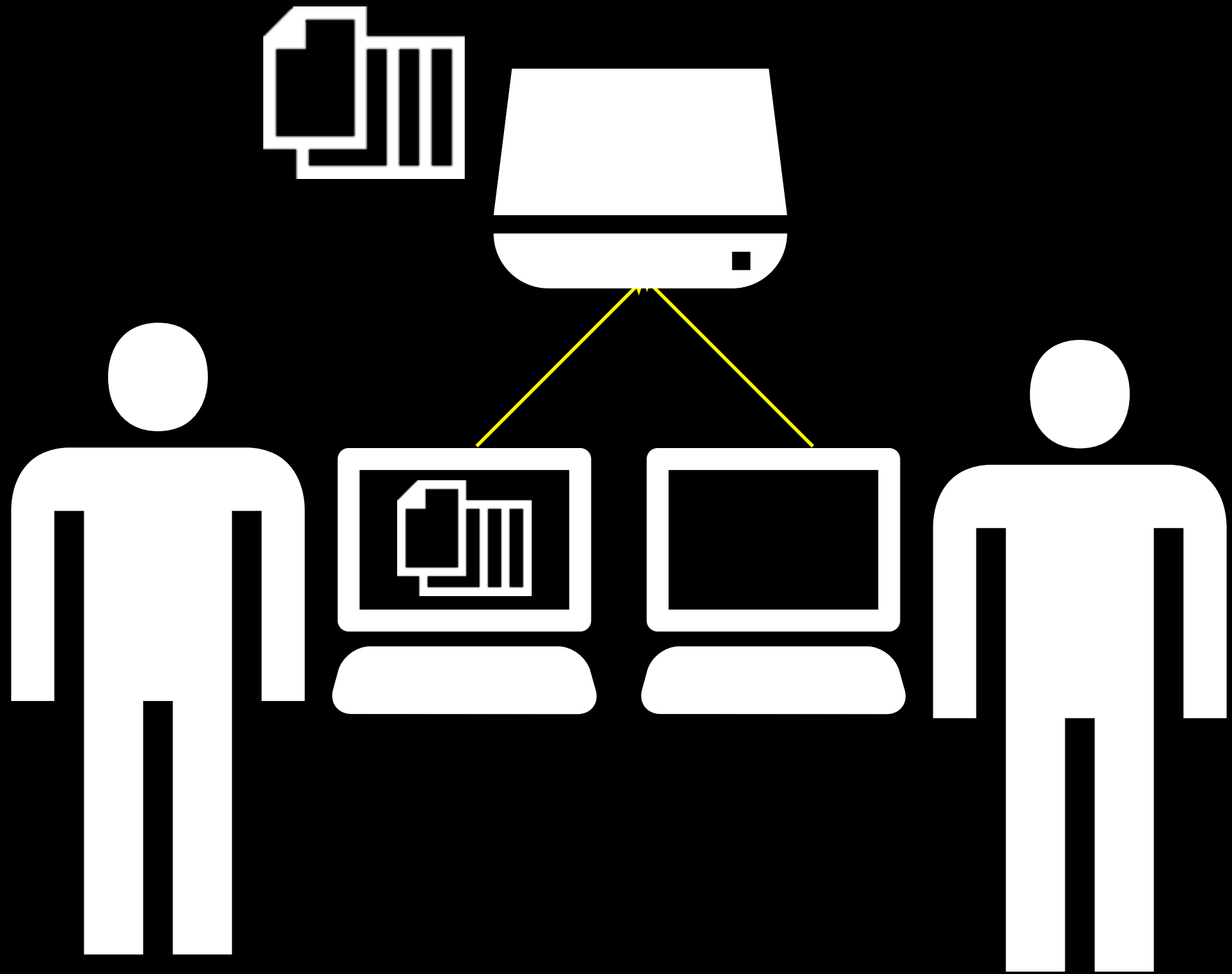


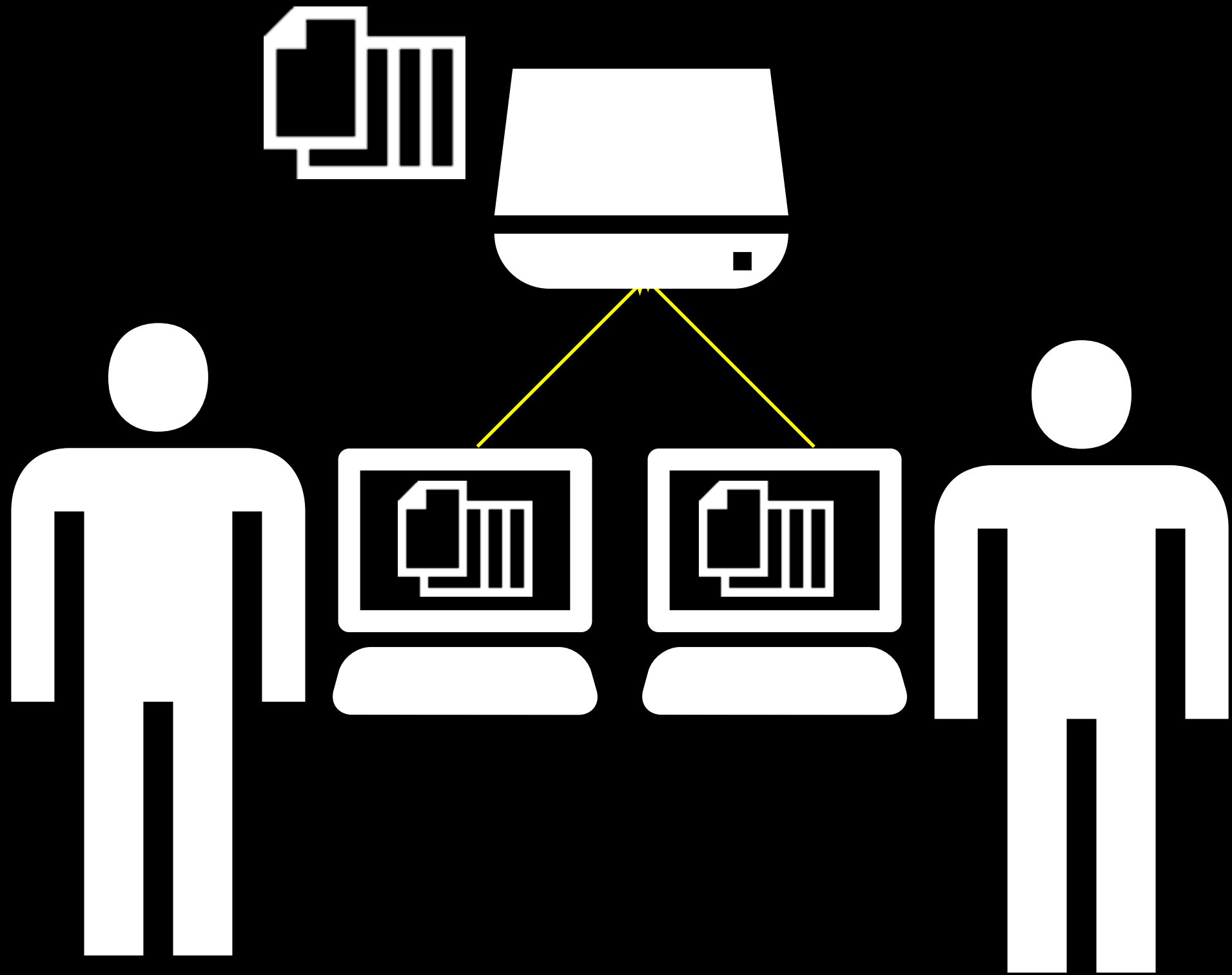


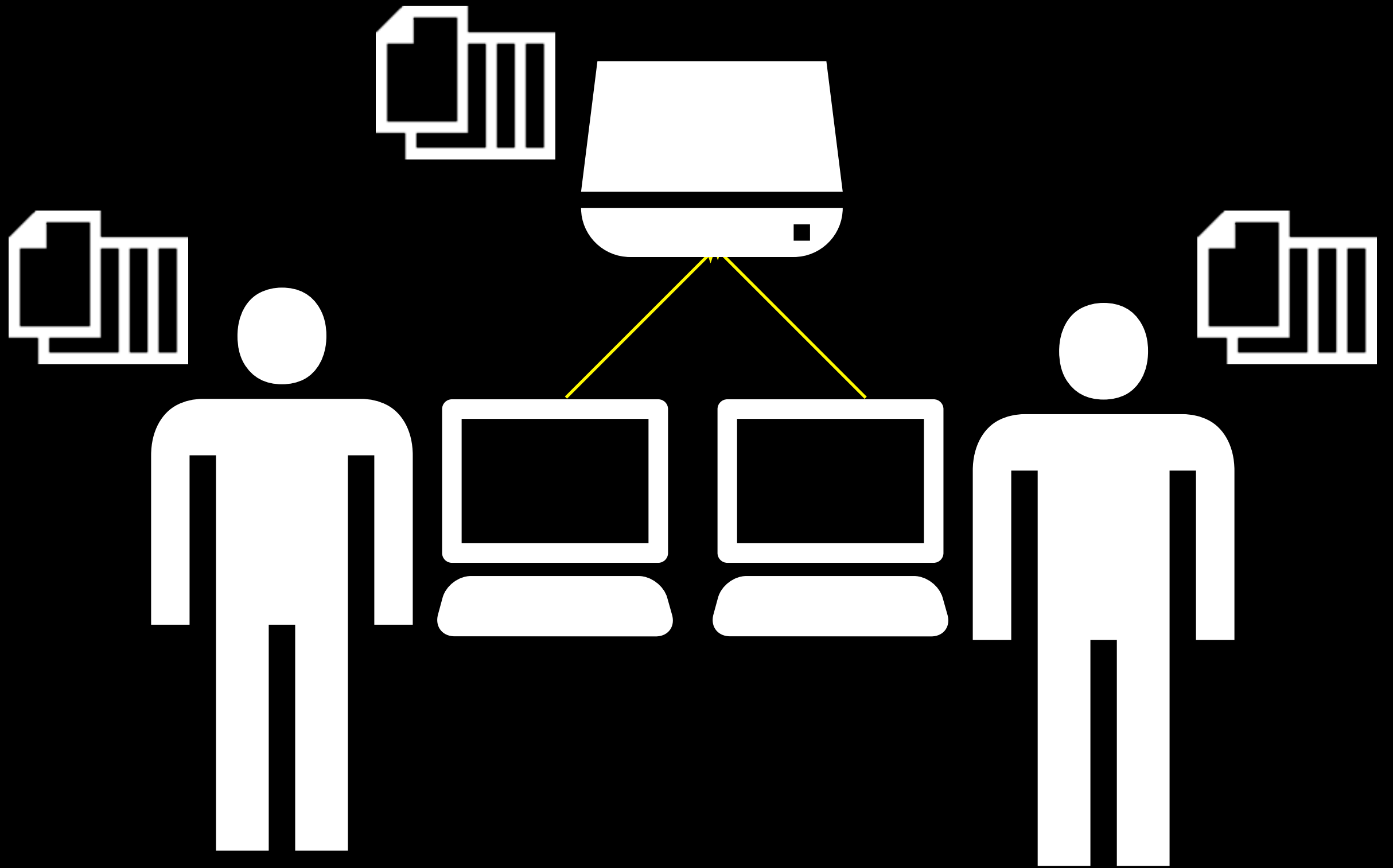




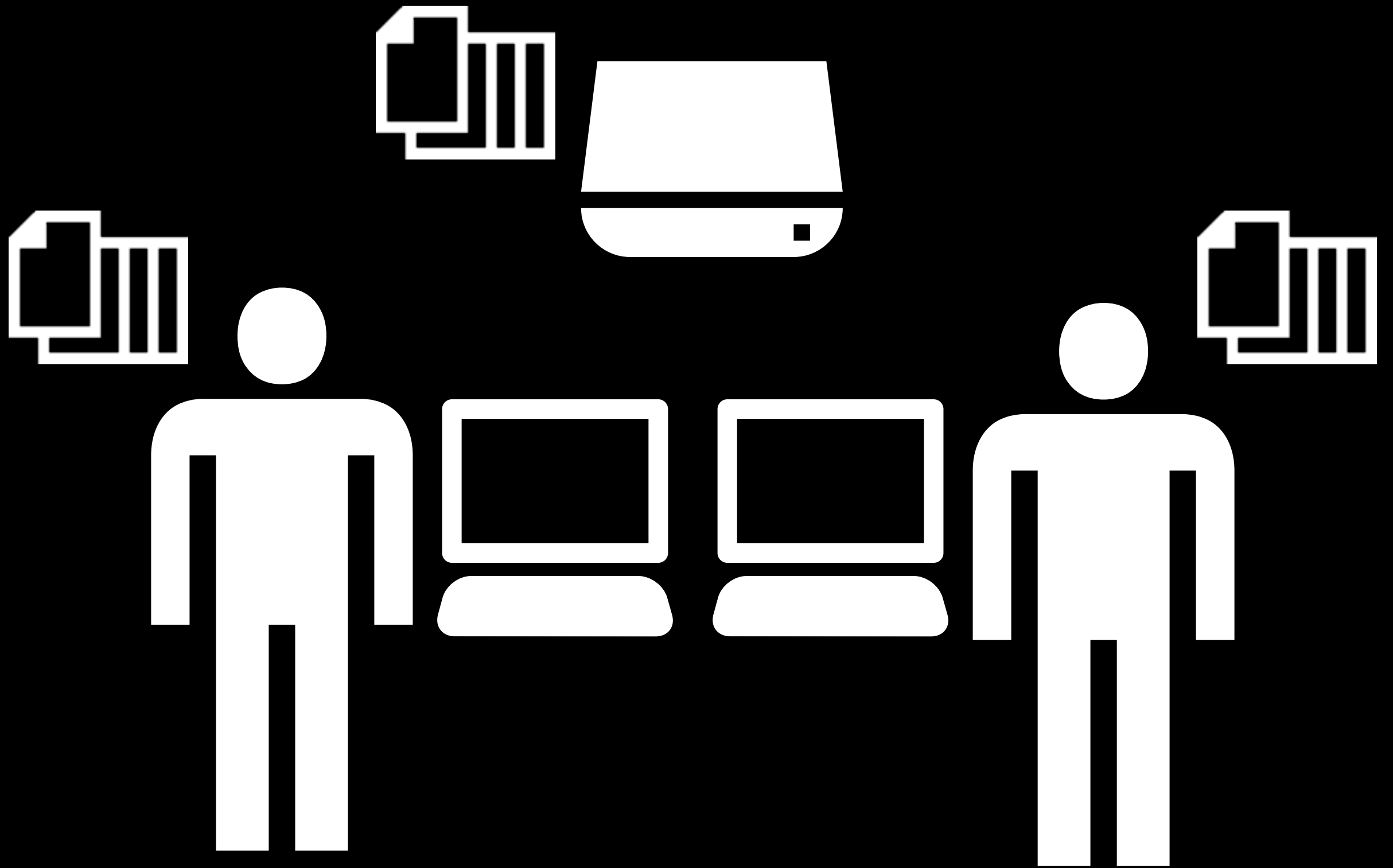


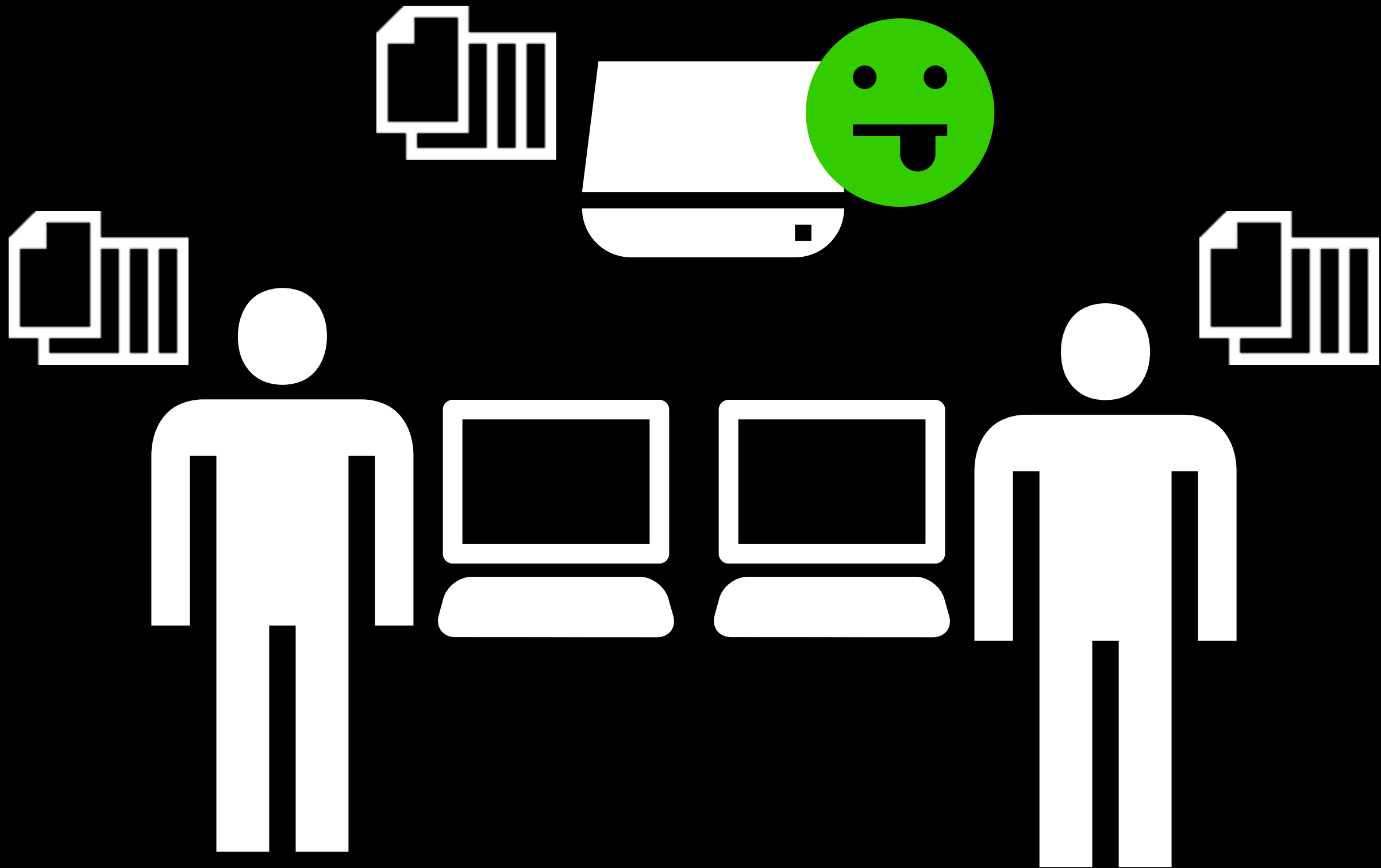


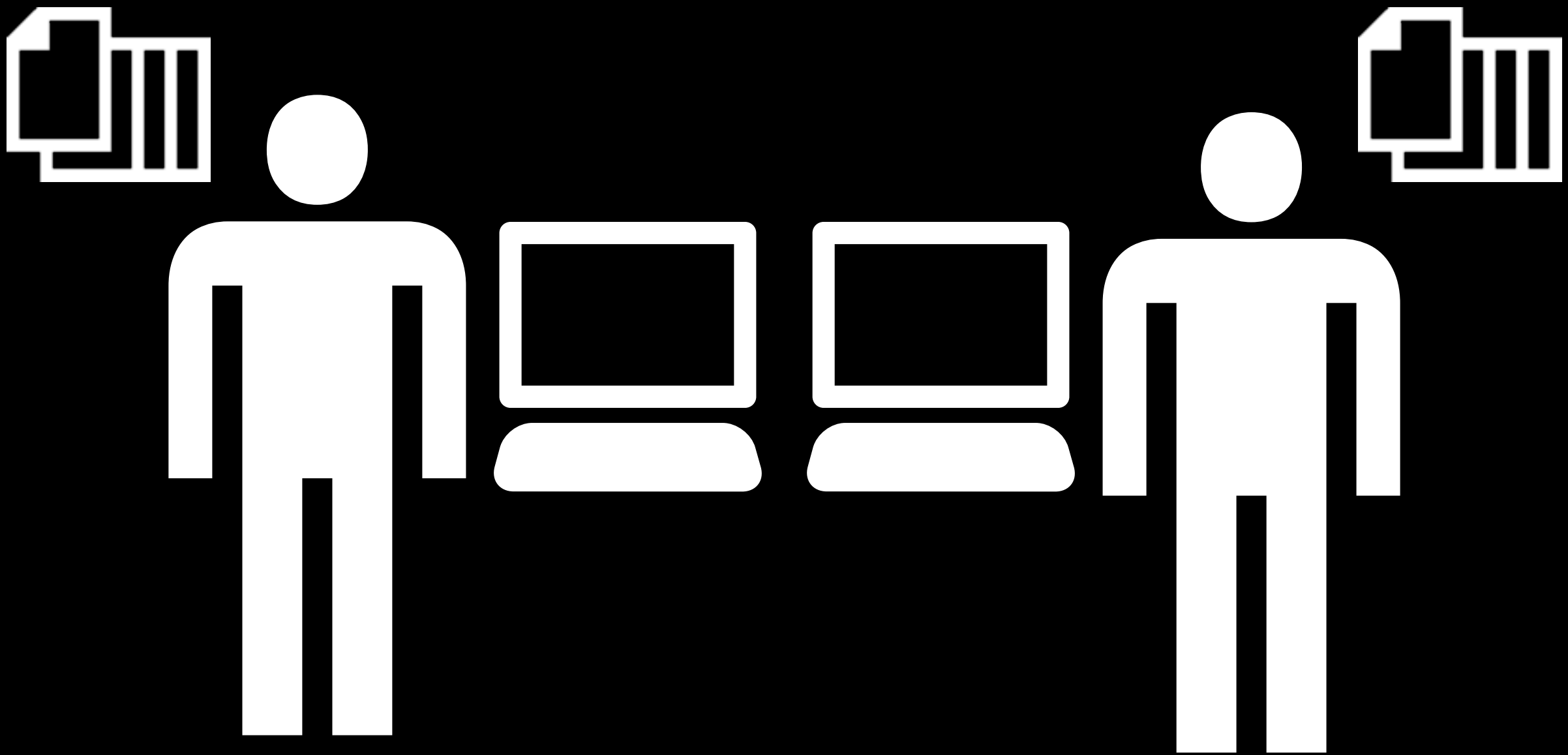


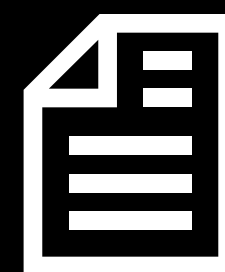
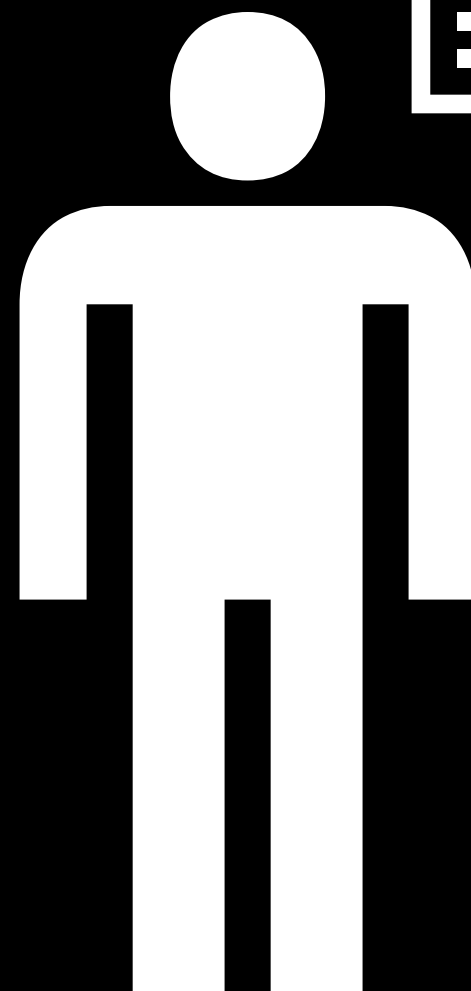
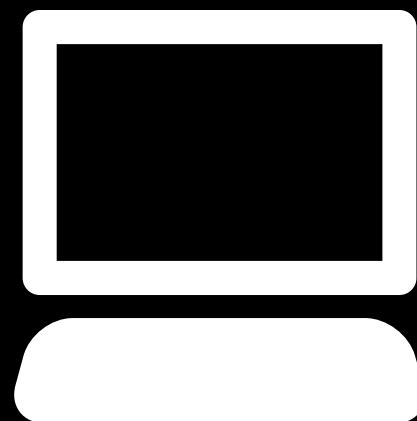
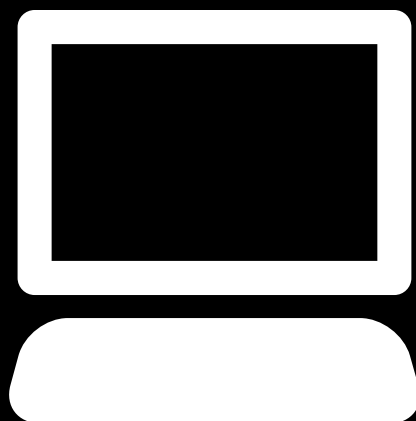
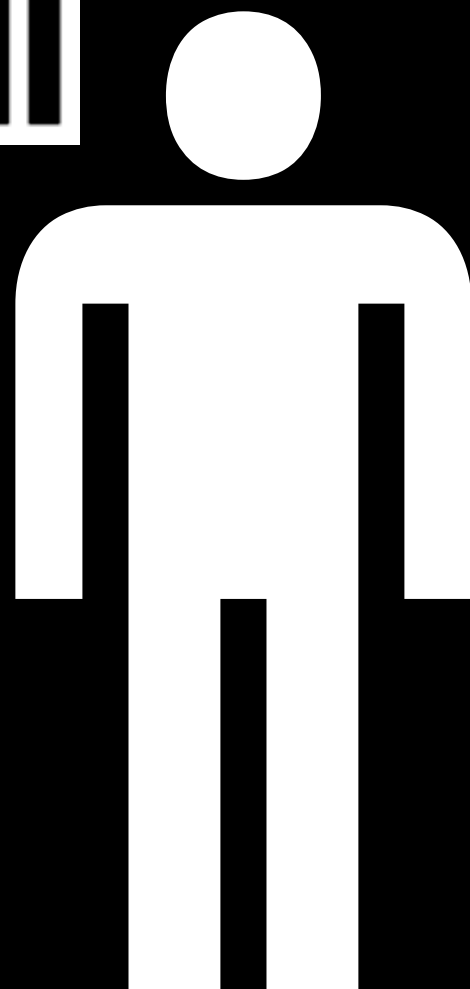


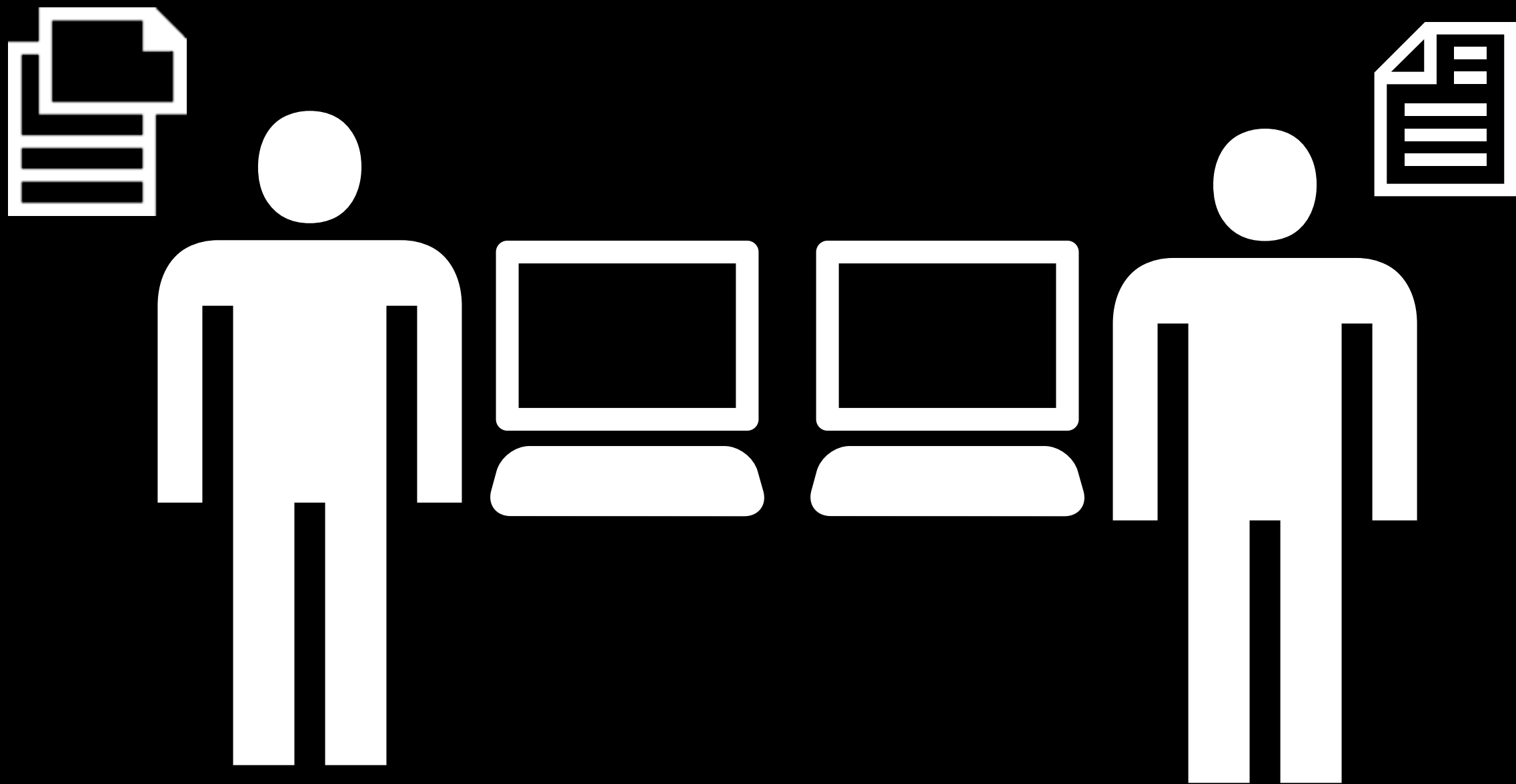


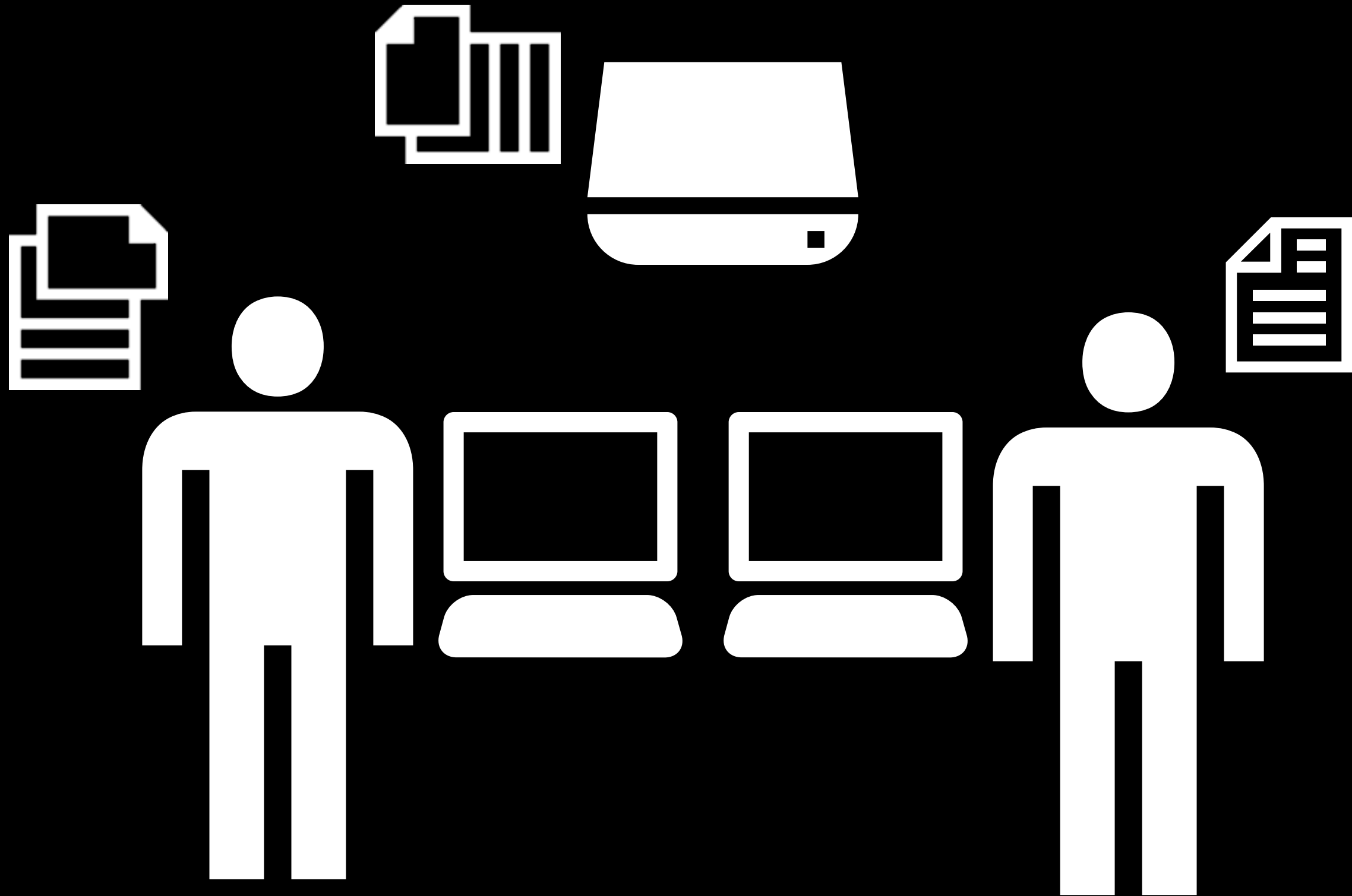




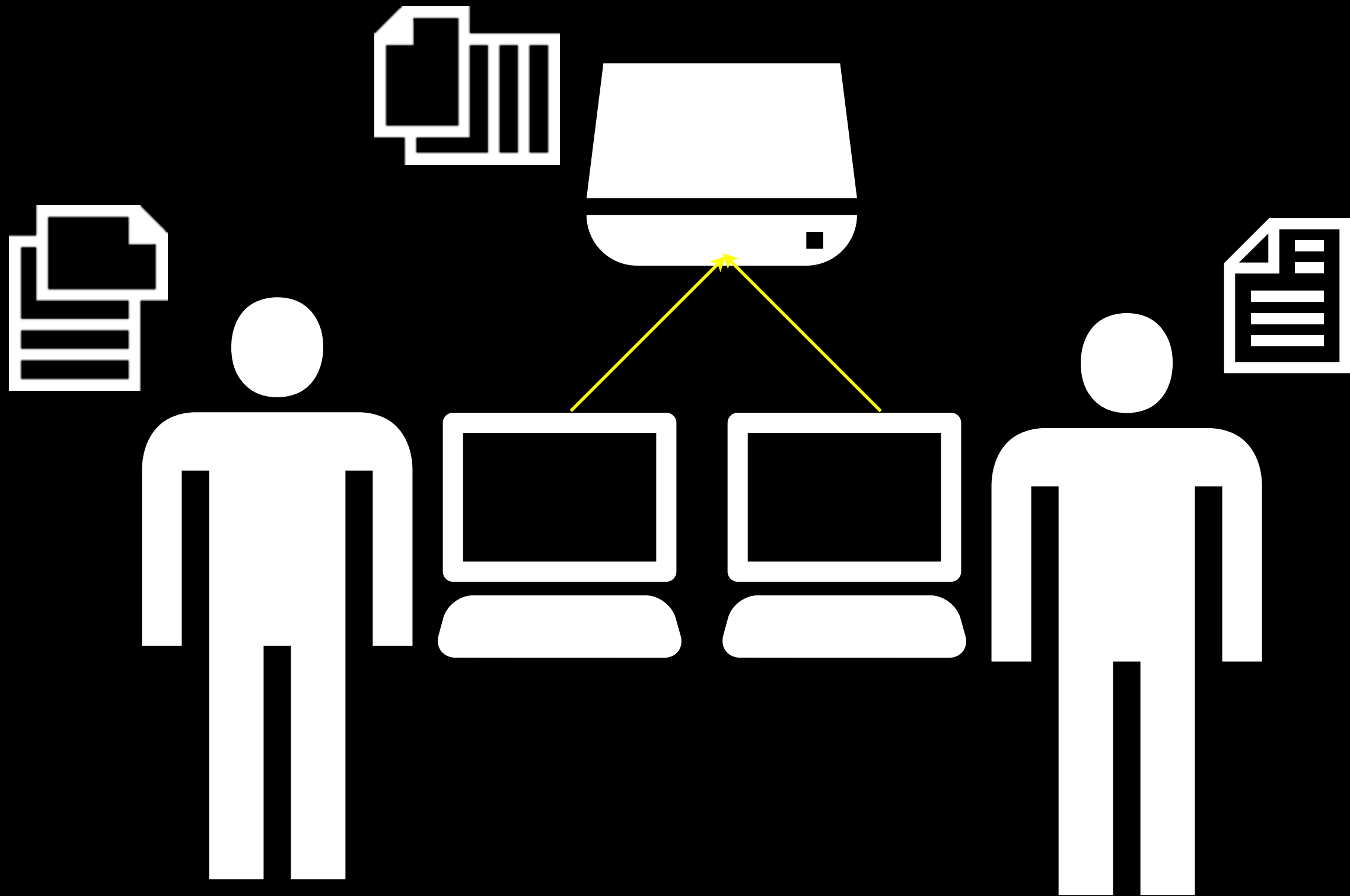


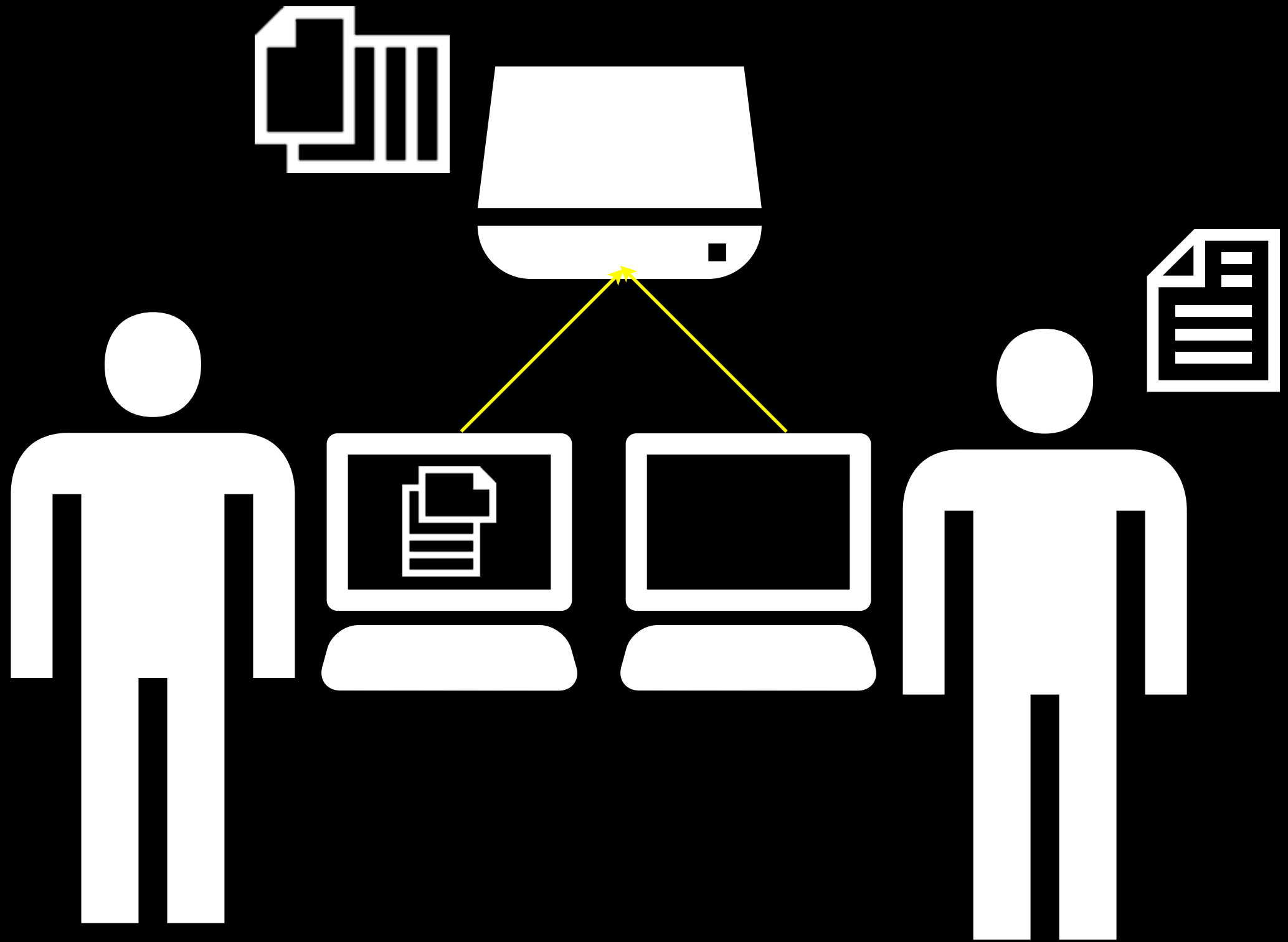


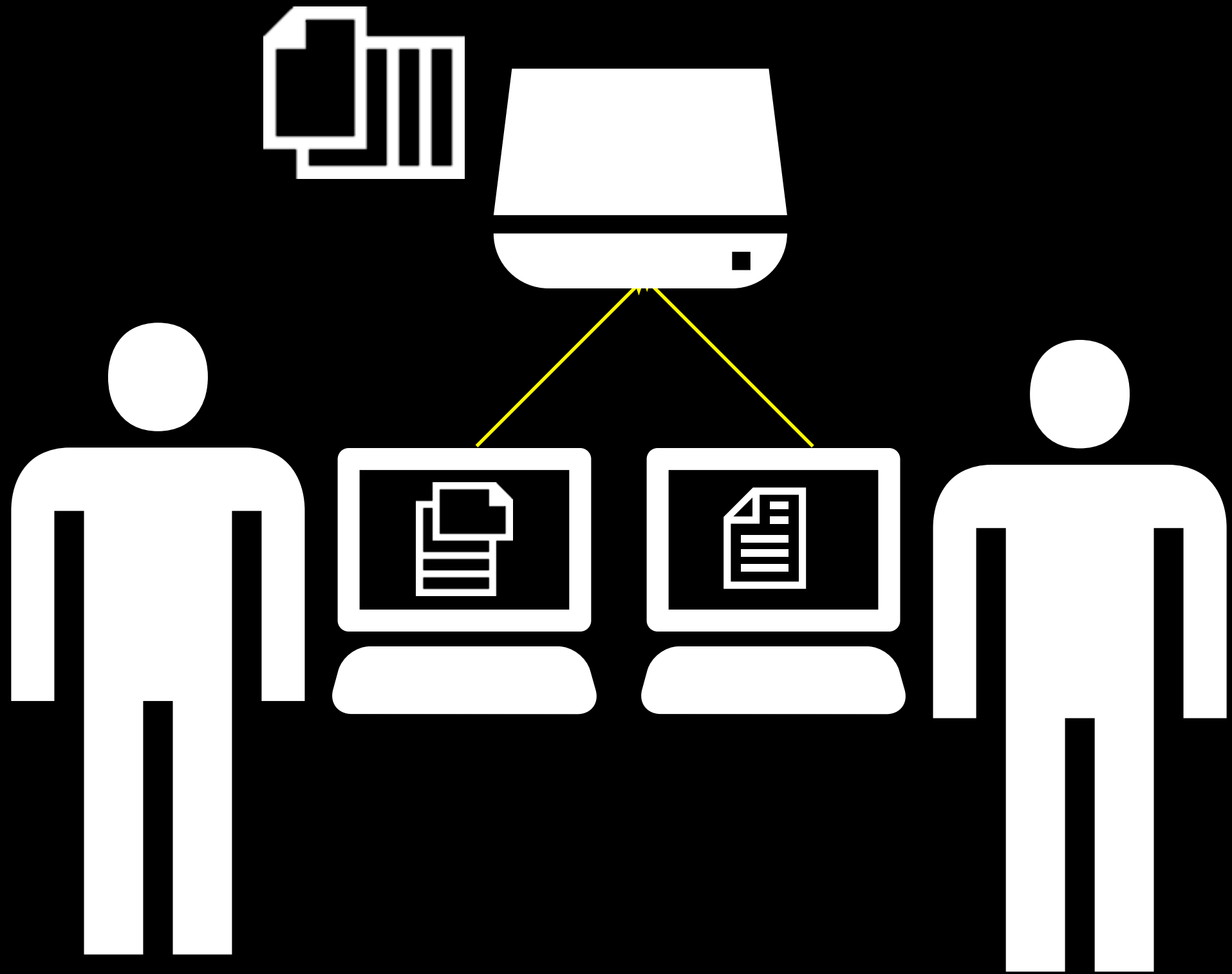


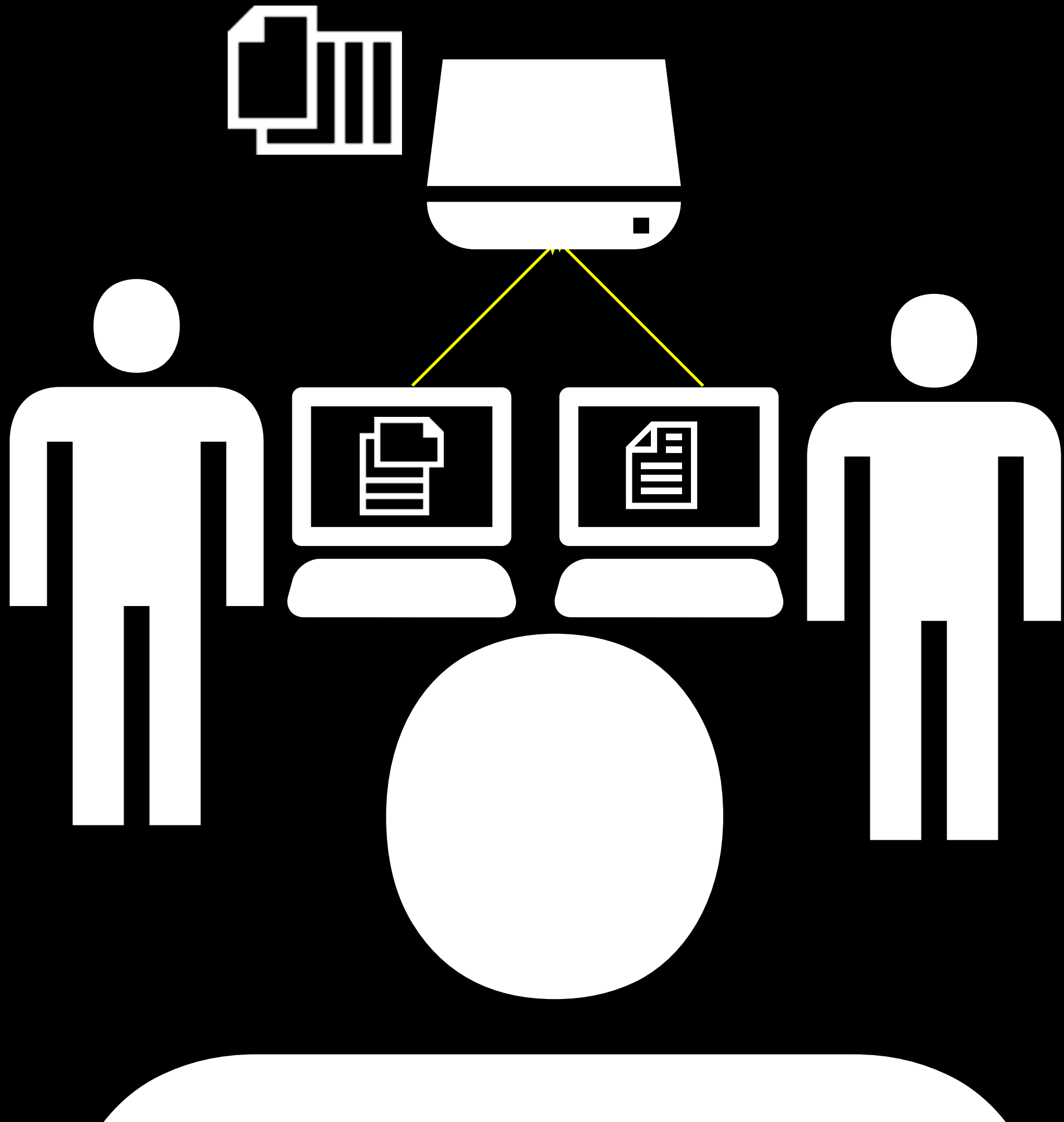


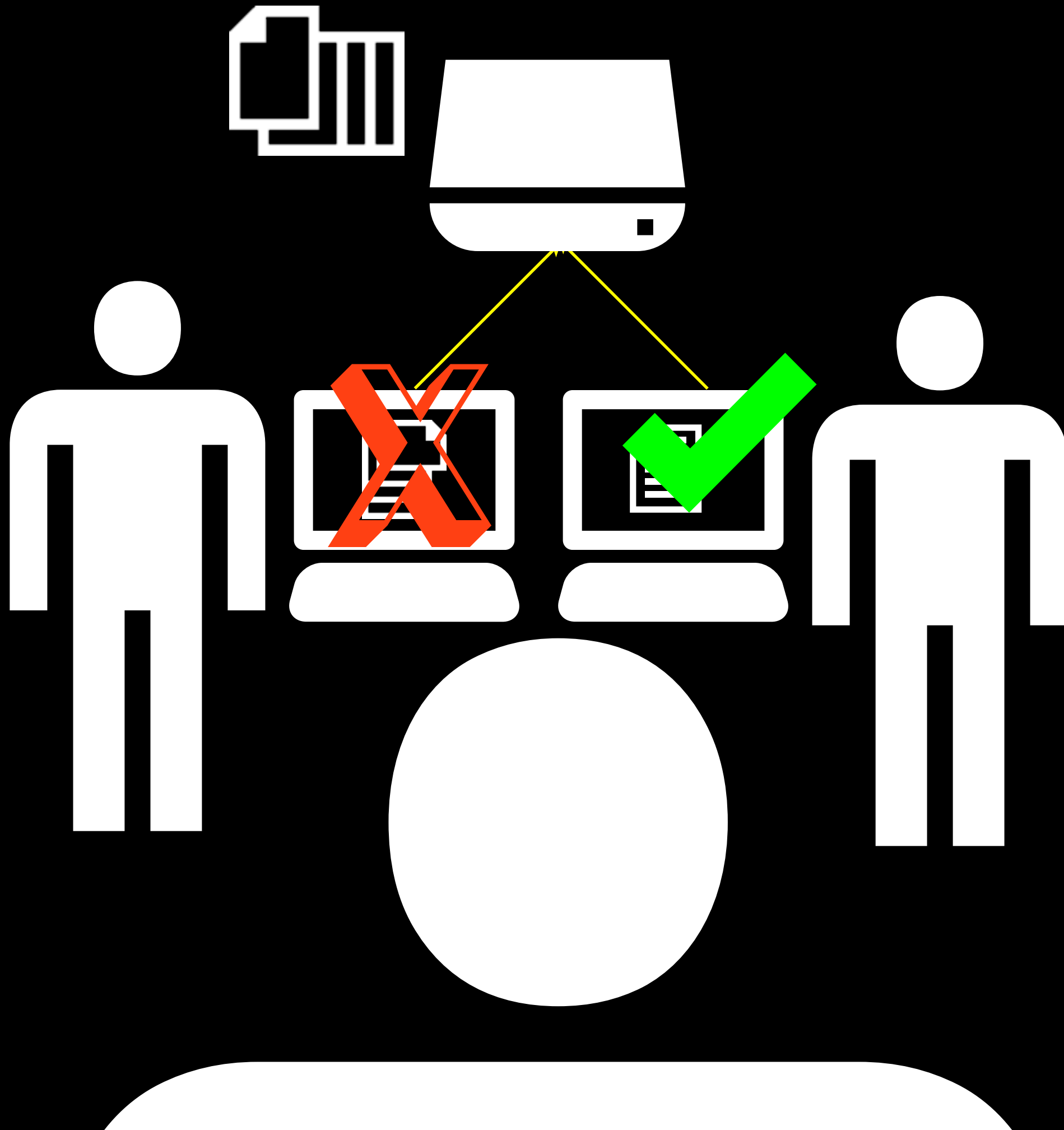
















# Command Line Interface

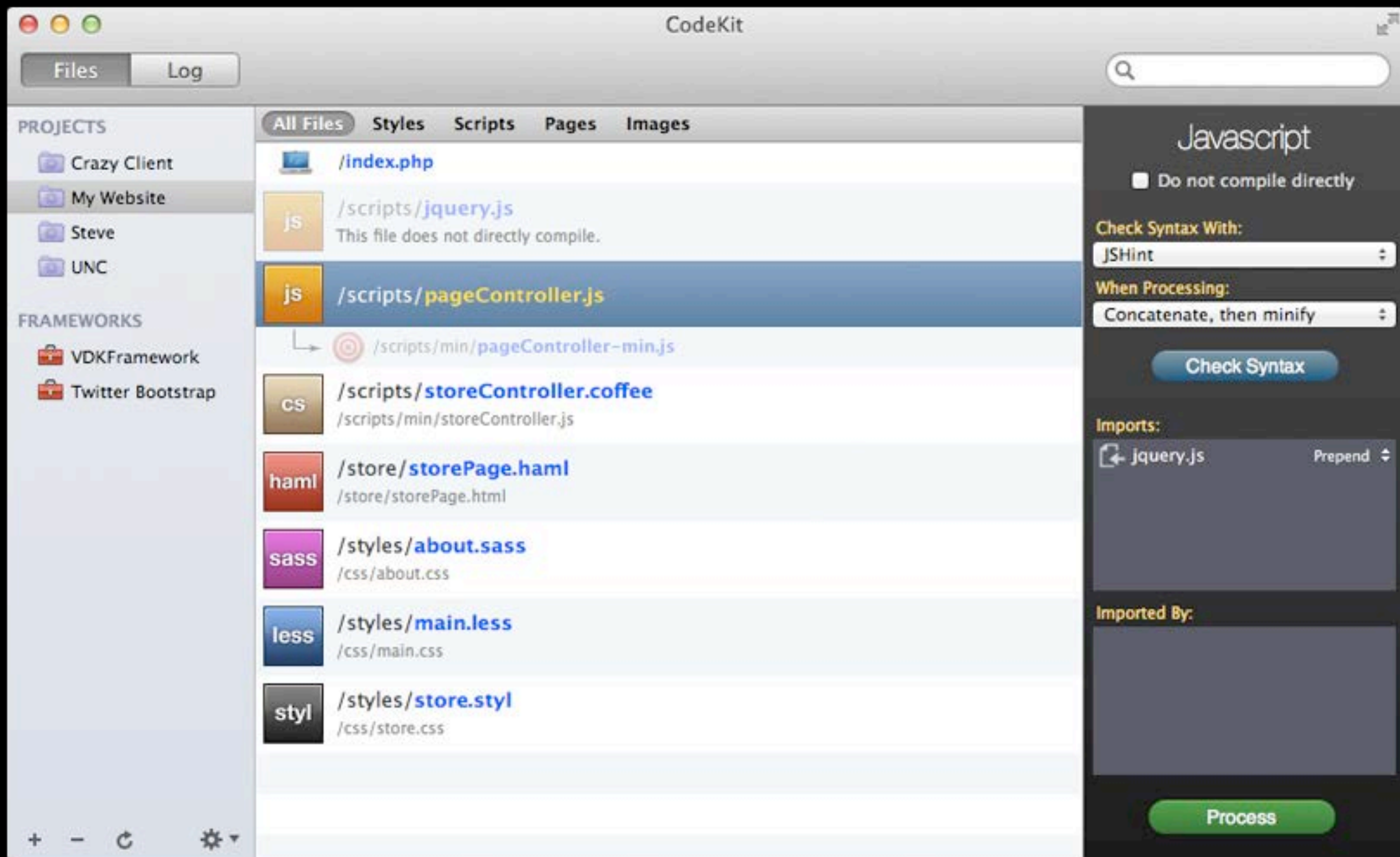


christopherschmitt — bash — 108x27

Christophers-MacBook-Pro:~ christopherschmitt\$







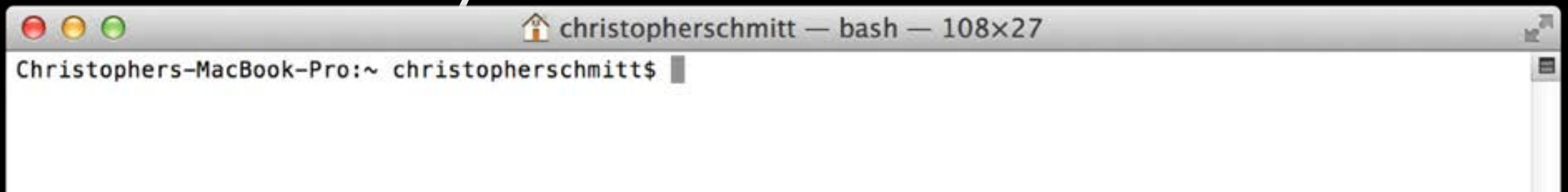
# CLI Basics

- Open a session, launch Terminal
- Since you are logged into OSX, you are logged into your session!



# CLI Basics

- Top down, current information is always at the bottom
- The flashing rectangle is our cursor
- The prompt tells us that it's ready to accept some text
- The prompt tells us the account and directory.



# CLI Basics

- Type a command with keyboard
- Use left and right arrows to edit a command
- Use up and down arrows to cycle through past commands

# CLI Basics

- To exit out of a session, close the Terminal window
- Or type EXIT

# CLI Basics

- To exit out of a session, close the Terminal window
- Or type EXIT

# CLI Basics

- Control + A moves cursor to start of line
- Control + E moves cursor to end of line
- In Terminal, option + click line to move cursor to click point

# CLI Basics

- When writing a command or filename, try TAB for autocompleting file or folder names.
- TAB + TAB, when autocompletes doesn't work as Tab + Tab shows you what all the possibilities are for autocompleting



# CLI Basics

- When writing a command or filename, try **tab** key for autocompleting file or folder names.
- **tab + tab**, when autocompletes doesn't work as **tab + tab** shows you what all the possibilities are for autocompleting

# CLI Basics

- `ls -l` is going to give listing in a vertical file format, with information about the file
- `ls -la` is going to give a listing in a vertical file format with additional files. "." files are configuration files
- `ls -lah` gives us file sizes in human-friendly terms
- For example, `.DS_Store` is a file for apple that keeps information on how you like to present the GUI of your files.

# CLI Basics

- `pwd` shows current directory
- `cd ..` moves to parent folder
- `cd /` means the root of the hard drive
- `cd Users/Christopher` is a relative path
- `cd ~` takes us into our user directory

# CLI Basics

- Type `open .` that references the current directory and it opens up the finder
- Type `open ..` to open parent directory
- Type `open -a calculator` to open up the calculator

# CLI Basics

- Type **CLEAR** to clean up the screen, if you are sick and tired of all that freaking text.

# CLI Basics

- Someone's going to tell you iTerm app is better than Terminal, so I'm just going to beat them to the punch and say "get iTerm" (but you don't need it cause you are awesome the way you are)
- But seriously.
- <http://www.iterm2.com>

# CLI Basics





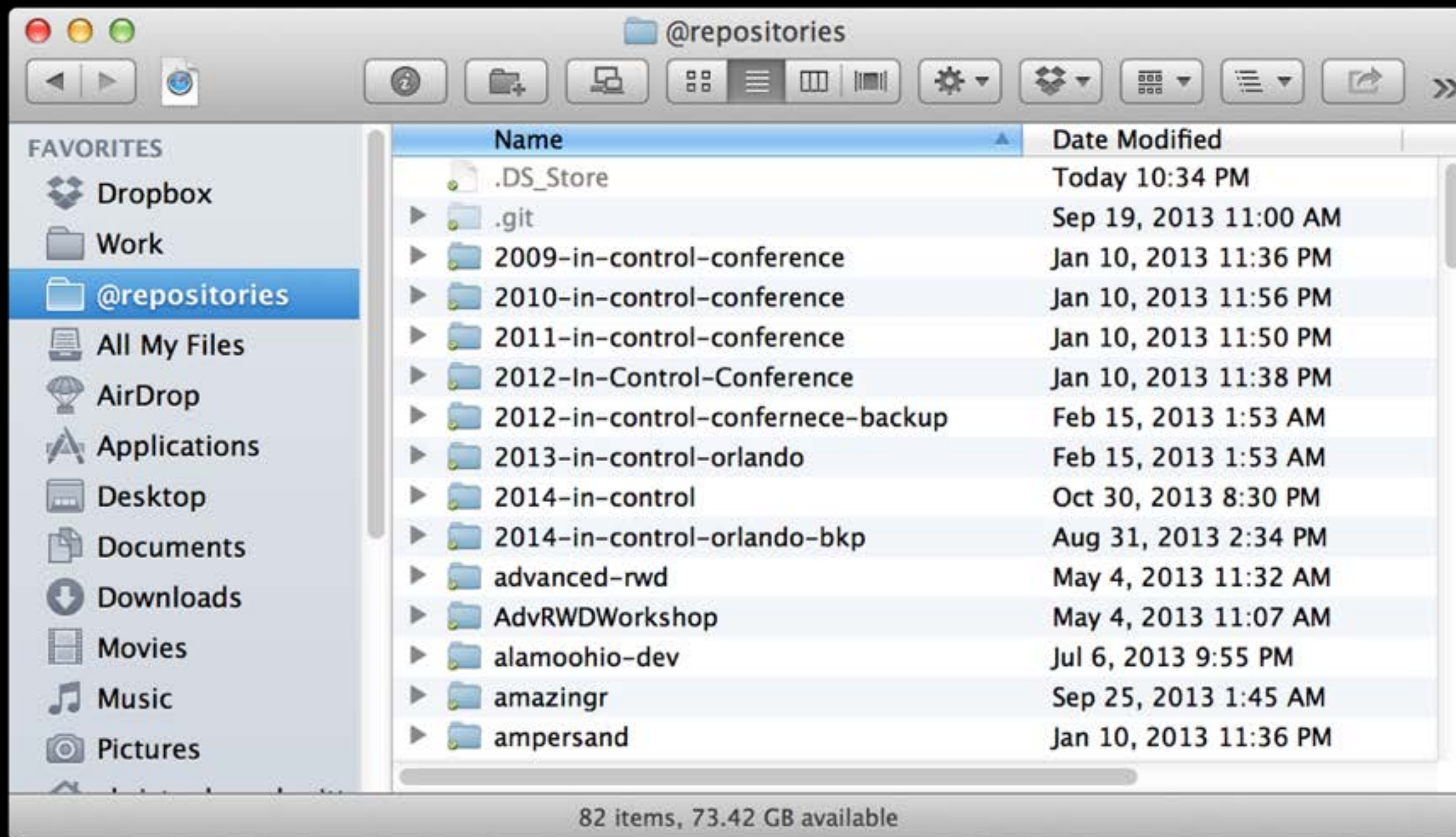
# Git Basic Commands

# Git CLI Commands

```
git --version
```

# Git CLI Commands

```
git init  
[project name]
```



# Git CLI Commands

```
git add [file(s)]
```

# Git CLI Commands

```
git commit -a -m  
“message”
```

# Git CLI Commands

```
git status
```



# Git CLI Commands

`git log`

# Git CLI Commands

`git checkout`

# Git CLI Commands

```
git diff
```

# Git CLI Commands

`git commit`

`-m "what changed"`

# Git Branches

# Git Branches



# Git Branches

Use `git status` to see which branch we are located in.

# Git Branches

If “*on branch master*”,  
people regard it as the  
“*trunk*”



# Git Branches

*“Master”* is the  
canonical version of  
your project

# Git Branches



# Git Branches

Make copies of a project or branch to add, edit, revise code

# Git Branches

```
git branch  
name_of_change
```

# Git Branches

Once you created  
branch, you need to  
check it out

# Git Branches

```
git checkout  
name_of_change
```

# Git Branches

- Branch is a different version or set of our code
- When we give git branch name, git grabs the latest commit of that branch
- Getting the latest version is known as the HEAD commit for the branch

# Git Branches

- Check status of which branch you are on, use **git status**
- To get back to master, use **git checkout master**



# Git Branches

```
git checkout -b  
name_of_change
```

# Git Branches



Branch A



Branch B

# Git Branches



Branch A



Branch B



Branch C

# Git Branches



Branch WTF

# Git Merging Branches

# Git Merging Branches

- Brings code back together from different branches or alternate dimensions
- Also, brings together the changes or commits made in respective branches

# Git Merging Branches

- If there isn't any conflict on the lines of code in each respective branch, git lets the merges just happen.

# Git Merging Branches

```
git branch
```



# Git Merging Branches

`git master`

# Git Merging Branches

```
git merge  
name_of_change
```

# Git Merging Branches

```
git log
```

# Git Merging Branches

```
$ git merge master
```

```
Auto-merging lib/hello.html
```

```
CONFLICT (content): Merge conflict in lib/  
hello.html
```

```
Automatic merge failed; fix conflicts and then  
commit the result.
```

```
<html>
```

```
  <head>
```

```
<<<<<<< HEAD
```

```
  <link type="text/css" rel="stylesheet"  
media="all" href="style.css" />
```

```
=====
```

```
  <!-- no style -->
```

```
>>>>>>> master
```

```
  </head>
```

```
  <body>
```

```
    <h1>Hello,World!</h1>
```

```
  </body>
```

```
</html>
```

```
<html>
  <head>
    <link type="text/css" rel="stylesheet"
media="all" href="style.css" />
  </head>
  <body>
    <h1>Hello,World!</h1>
  </body>
</html>
```

# Git Merging Branches

```
git add lib/hello.html
```

# Git Merging Branches

```
git commit -m "Merged  
master fixed  
conflict."
```



# Git Merging Branches



# Git Remote Repos

# Git Remote Repo



- Creating a new repository that is a copy of another repository is called *cloning*.

# Git Remote Repos

- So far, all our work has been in repositories on our own computer with our own branches.
- Which is great.
- However, the power of CVS is to all code changes from people from all over the world or next door improve are code.

# Git Remote Repos

- Technically, a “remote repo” can be any repository that’s not the same as our the repository we are working on.
- Could be on a different server.
- Or could be in a different folder on our own computer.

# Git Remote Repos

- Having a repository hosting elsewhere online, we can allow others to contribute to the code making it canonical.
- We can have an offsite backup of our work.
- Work with others.

GitHub

# GitHub

- Git on your local machine, connect to GitHub to send your code out to the world Web-based, social versioning control
- Cloud-based code repos
- Social coding = community coding



# GitHub Tour

- Login, profile
- Bootcamp
- Look at open source projects
  - commits, contributors
- Readme files


# EMOJI CHEAT SHEET


**Emoji** emoticons are supported on [Campfire](#), [GitHub](#), [Basecamp](#), [Turntable.fm](#), [Teambox](#), [Trac](#), [Flowdock](#), [Sprint.ly](#), [Kandan](#), [Textbox.io](#), [Kippt](#), [GitLab](#), and [JabbR](#).


However some of the emoji codes are not super easy to remember, so *here is a little cheat sheet*.


➔ **Got flash enabled? Click the emoji code and it will be copied to your clipboard.**


## People


 :bowtie:

 :blush:


 :smirk:


 :kissing\_closed\_eyes:


 :satisfied:

 :stuck\_out\_tongue\_winking\_eye:


 :kissing:


 :sleeping:


 :anguished:

 :confused:


 :unamused:

 :disappointed\_relieved:


 :disappointed:


 :cold\_sweat:


 :sob:


 :smile:


 :smiley:

 :heart\_eyes:


 :flushed:


 :grin:


 :stuck\_out\_tongue\_closed\_eyes:

 :kissing\_smiling\_eyes:

 :worried:


 :open\_mouth:


 :hushed:


 :sweat\_smile:


 :persevere:


 :joy:


 :laughing:


 :relaxed:

 :kissing\_heart:


 :relieved:

 :wink:


 :grinning:


 :stuck\_out\_tongue:


 :frowning:

 :grimacing:

 :expressionless:

 :sweat:

 :pensive:

 :fearful:

 :cry:

 :astonished:

<http://www.emoji-cheat-sheet.com>

# GitHub Tour

- Issue tracking software
- Setting milestones
- Projects mentioned at ARTIFACT Conf

- nib - Stylus mixins, utilities, components, and gradient image generation
- This is Responsive - Online repo for Brad Frost's site about RWD resources
- Kraken - A lightweight, mobile-first boilerplate for front-end web developers
- Yeoman Style Prototype - Style guide generator
- OpenType Features - A Sass mix-in for turning OpenType features on and off in your embedded web fonts.
- HiSRC - The simple jQuery plugin for adaptive images in responsive web design
- Responsive Layouts - Jen Simmons slides

# GitHub Tour

- [HTML5Please.com](https://HTML5Please.com) - markdown files, compiled to GH pages
- Jekyll - easy wireframing tool
- Publish that list of ARTIFACT GitHub Projects onto GitHub
- ARTIFACT Conf - issue tracking



```
{% include footer.html %}
```

<http://jekyllrb.com/docs/templates/>





Select Language

The text on this site is entirely html, which means you can translate it into any language! Google translation is (more than) a little funky, but it should hopefully get the point across.

Powered by Google Translate

DEUTSCH

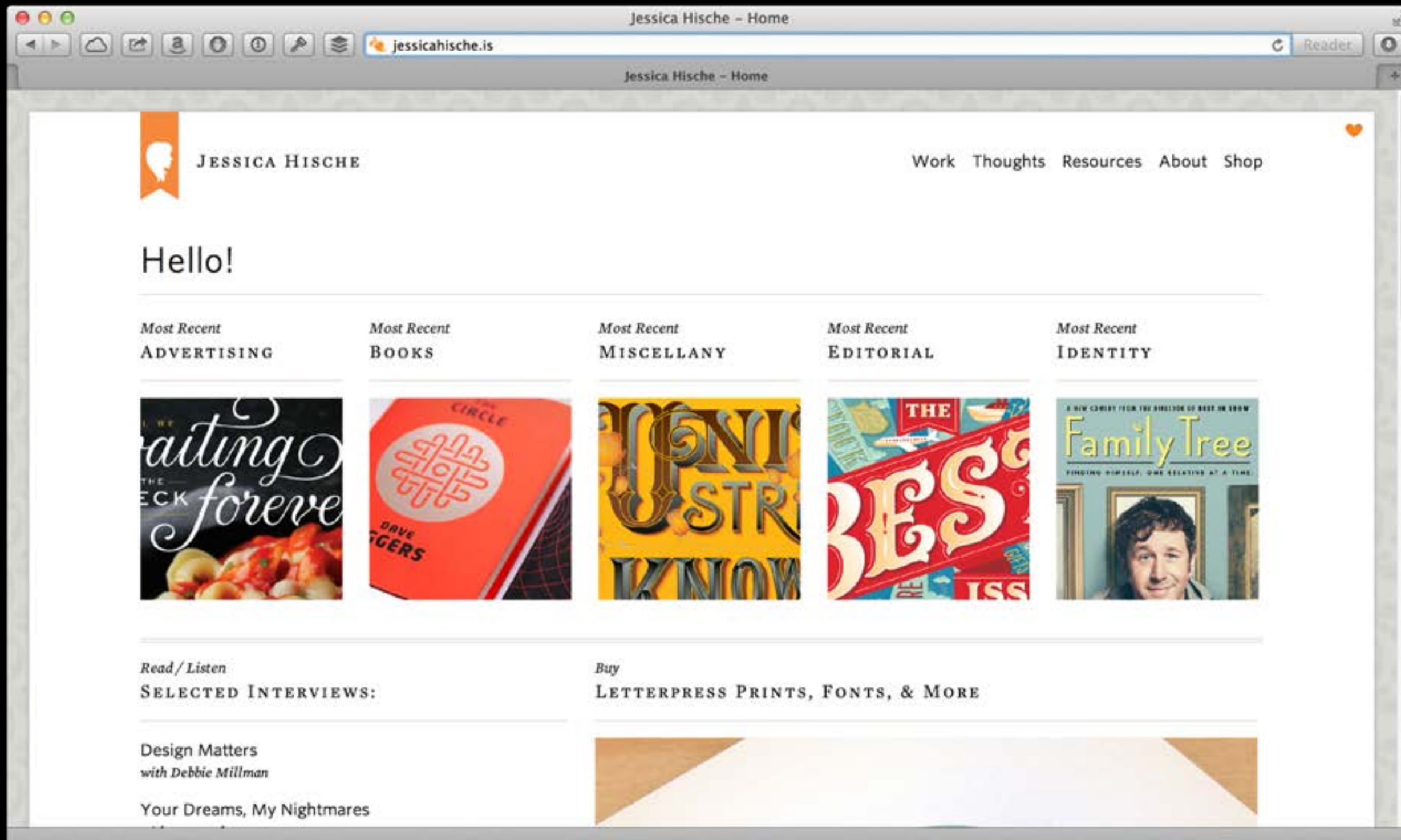
# Mom This is How Twitter Works

Twitter is an online social networking tool in which users post 140 character updates of what is going on in their lives along with links to things they think are interesting, funny, or useful to their followers ("following" being essentially what "friending" is on other sites). People use twitter in many ways, some as a newsfeed by following prominent people or networks, some as a pseudo-chatroom by limiting their followers and whom they follow to close friends and family, and some as a microblog for updating people about the work they are doing and their personal lives.

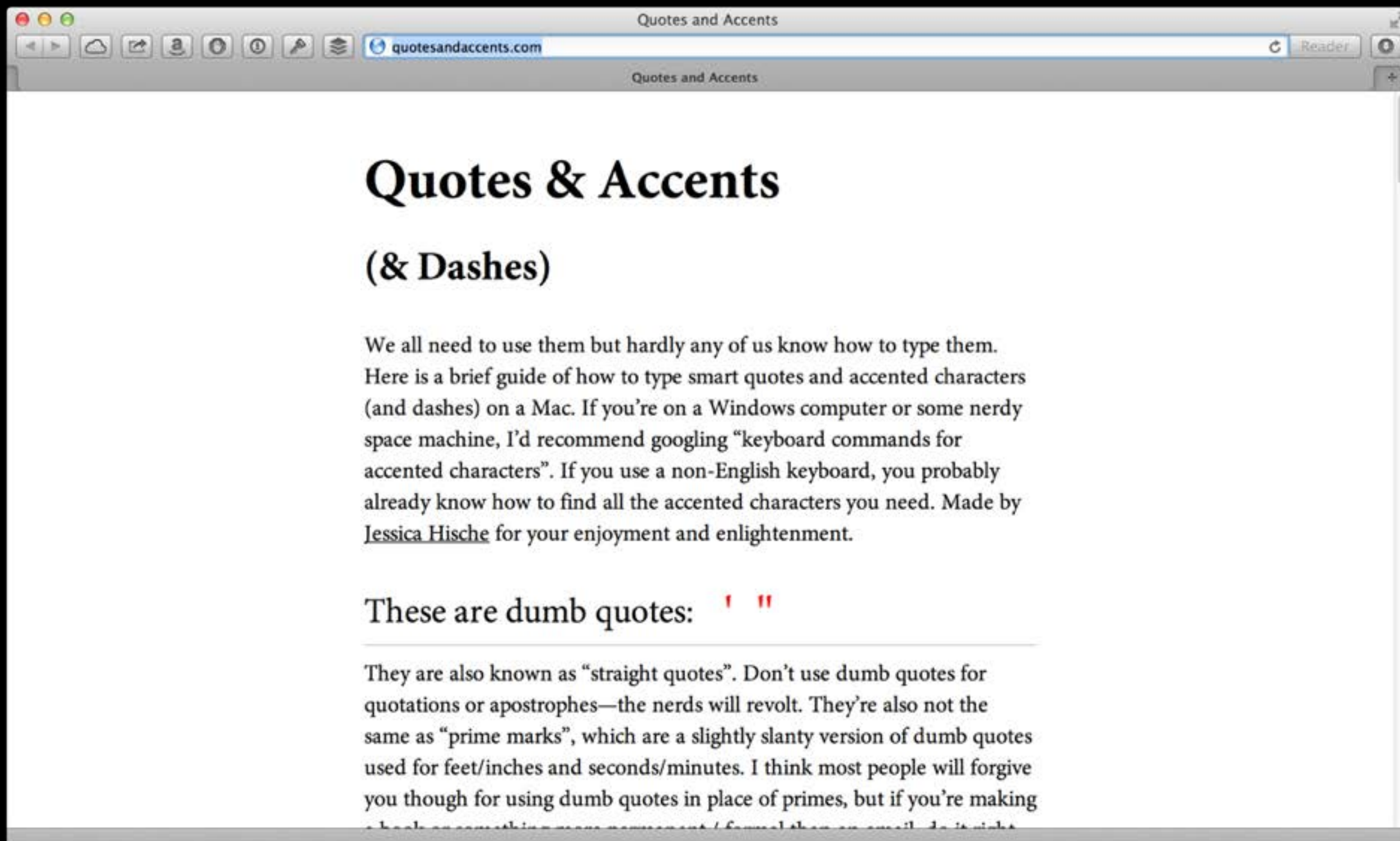
## "TWITTER USERS"







<http://jekyllrb.com/docs/templates/>



<http://quotesandaccents.com>

# GitHub Tour

- CSS Specificity - CSS poster with icons from The Shining (hosting, custom domain name)
- HiSRC - commits, free hosting, code gone wrong!

Father of Unix OS

Still maintains the  
linux kernel

Linux kernel is 3,500  
lines of code

Every new *version* of  
that OS has 1,000+  
developers  
contributing code

linux\_old

linux\_v2older

linux\_coolStuff



Linus made Git to help  
maintain that OS

# Other types of Version Control

# Thank you!

Christopher Schmitt ★ <http://twitter.com/teleject>