

# hosting & deployment

Building a Website 2018

everyone in here has a  
**domain address** and **webspace**

today we're going to **put content**  
onto that **webspace**

# the *background*

# Deployment

the process by which software is made available for use

[wikipedia.org](#)

when we **deploy** files to the web, that  
means we're making them **available**  
**to view online**



computers than host content  
online are called **servers**

The screenshot shows the Starbucks website homepage. At the top, there's a navigation bar with links for COFFEE, TEA, MENU, COFFEEHOUSE, SOCIAL IMPACT, STARBUCKS REWARDS, BLOG, and GIFT CARDS. Below the navigation is a large, colorful graphic for "STARBUCKS happy hour". The graphic features a green Starbucks cup icon with a straw and a green circle, and a white Starbucks cup icon with a straw and a green circle. The background is orange with abstract shapes. To the right of the graphic, the text "It's a party and yo" is visible, followed by "Exclusive deals on drinks, delivered straight" and a "JOIN THE PARTY" button. At the bottom left, there's a "STARBUCKS REWARDS" logo with a gold star. A black call-to-action box contains the text "Make every sip more rewarding" and "Join Starbucks Rewards™ to earn Gold level benefits like free drinks and food, get free refills, phone, and more." It also includes "JOIN NOW" and "SIGN IN" buttons.

Starbucks – The Best Coffee a ×

Secure | https://www.starbucks.com

COFFEE TEA MENU COFFEEHOUSE SOCIAL IMPACT STARBUCKS REWARDS BLOG GIFT CARDS

STARBUCKS<sup>®</sup>

# happy hour

It's a party and yo

Exclusive deals on drinks, delivered straight

JOIN THE PARTY

STARBUCKS<sup>®</sup>

REWARDS™

Make every sip more rewarding

Join Starbucks Rewards™ to earn Gold level benefits like free drinks and food, get free refills, phone, and more.

JOIN NOW SIGN IN

we get to use this website using a  
**domain address**

we get to use this website using a  
**domain address**



every domain address is **unique**

HOME | JOYCE RICE - ACTION X

Secure | https://joycerice.com

(702) 735-8868

HOME PRESENTATIONS TESTIMONIALS ABOUT JOYCE WHY JOYCE CONTACT US

# JOYCE RICE - ACTION SPEAKER

THE INSPIRING AND TRANSFORMATIONAL HUMAN POTENTIAL KEYNOTE SPEAKER



"Success for Self, for Organizations, for Corporations is dependent on Elevating and Utilizing Human Potential!" -Joyce Rice

a domain address is like the  
**address to your house**



1234 Main st  
San Francisco, CA 90045



*1234 Main st  
San Francisco, CA 90045*

this is the difference between  
**owning a domain** and having a  
**hosting service**

a domain gives you an **address**

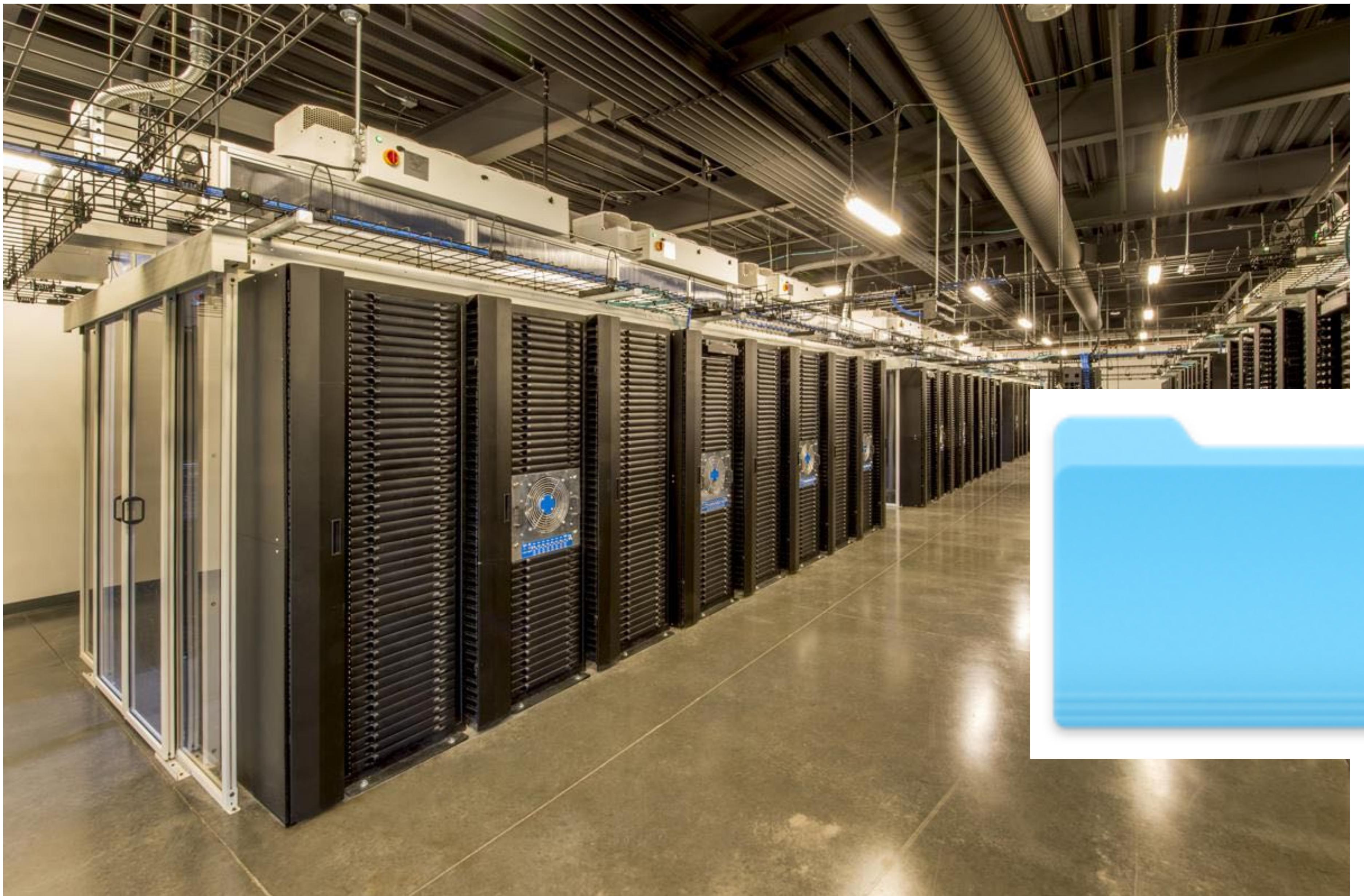
1234 Main st  
San Francisco, CA 90045

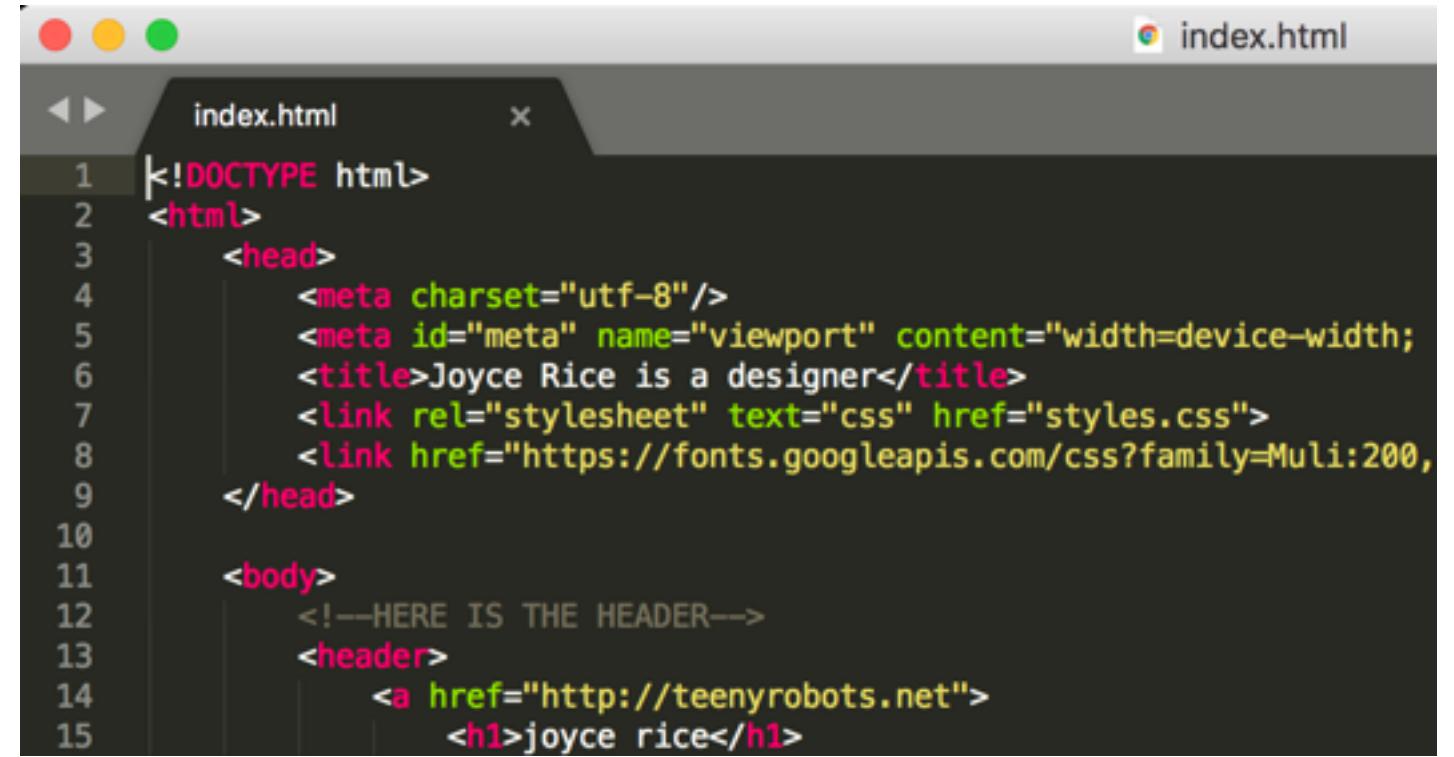


a hosting plan gives you a  
**space to put all your stuff**



1234 Main st  
San Francisco, CA 90045



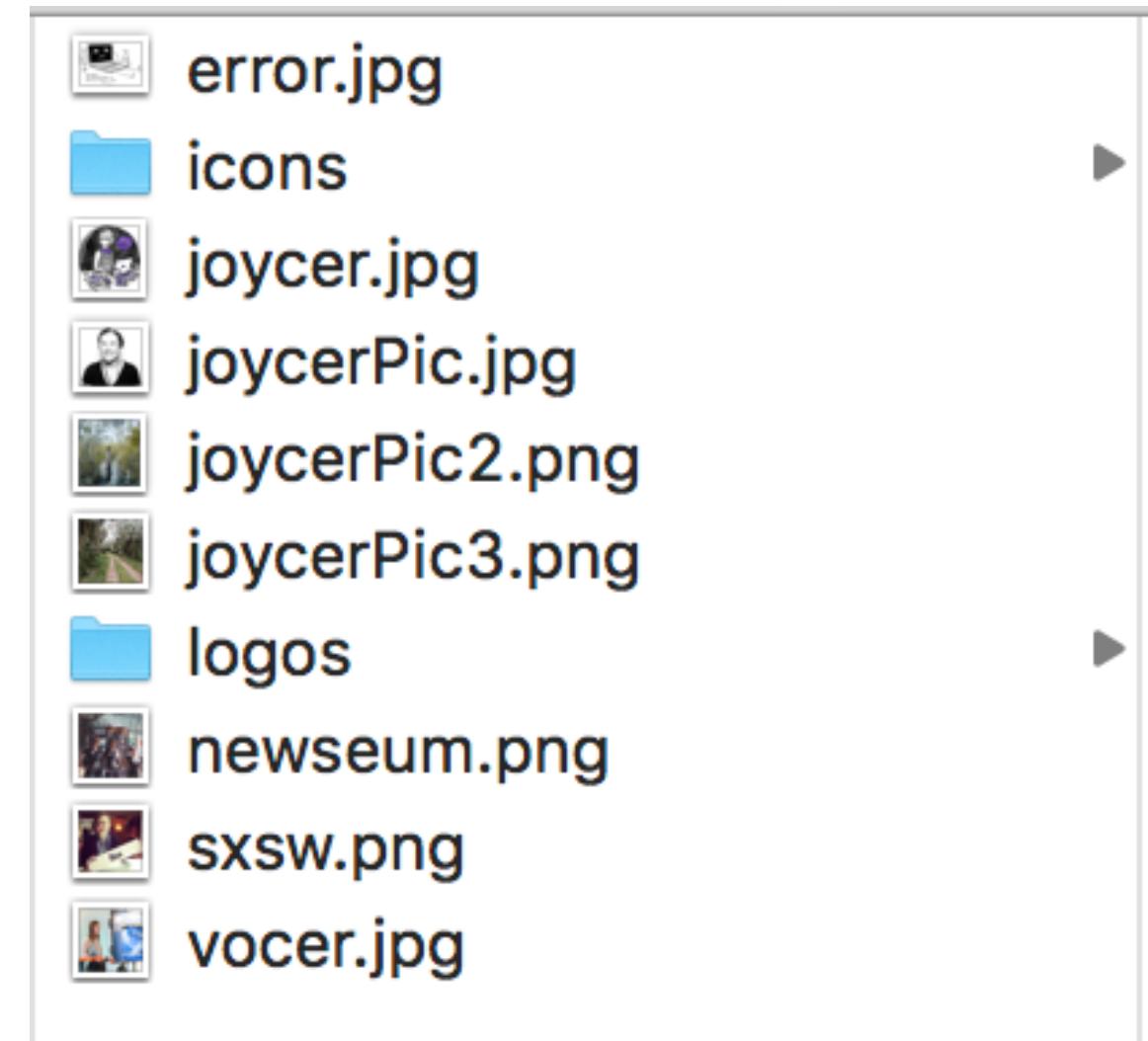
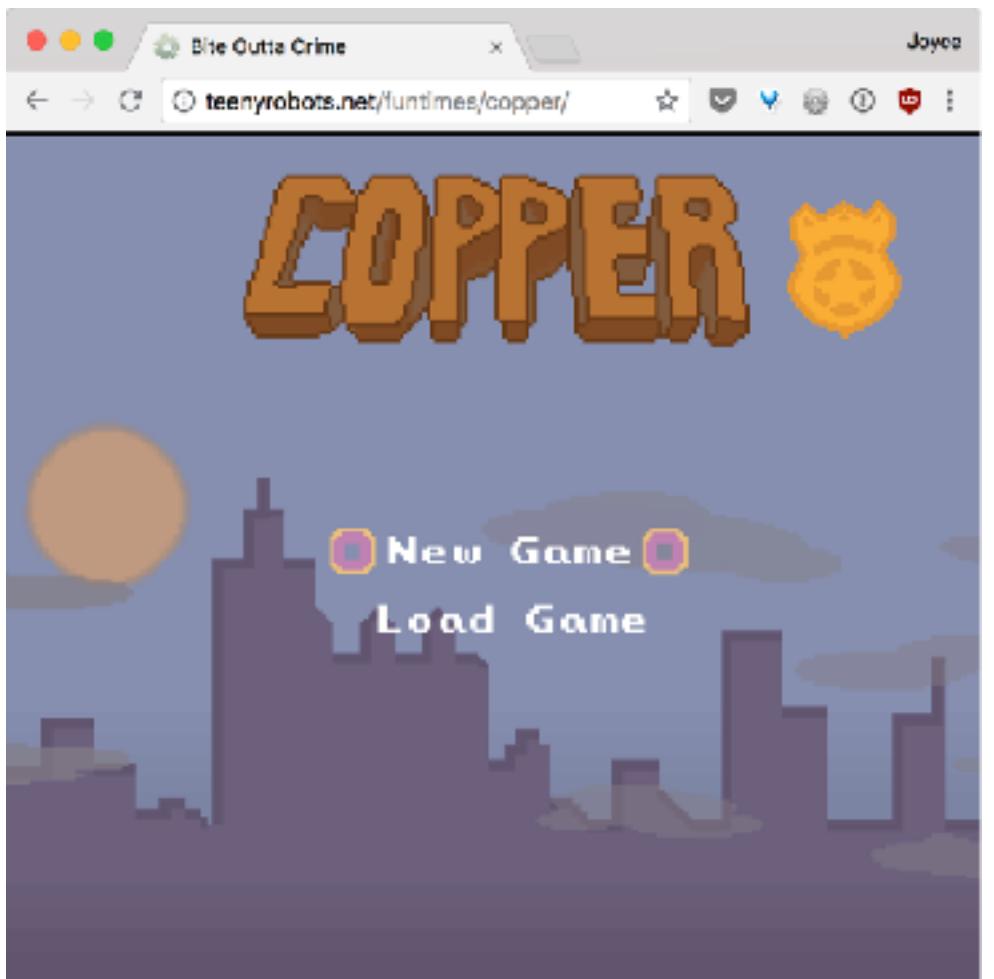


```
index.html      x
index.html
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8"/>
5     <meta id="meta" name="viewport" content="width=device-width;
6     <title>Joyce Rice is a designer</title>
7     <link rel="stylesheet" type="css" href="styles.css">
8     <link href="https://fonts.googleapis.com/css?family=Muli:200,
9   </head>
10  <body>
11    <!--HERE IS THE HEADER-->
12    <header>
13      <a href="http://teenyrobots.net">
14        <h1>joyce rice</h1>
```

Joycehandwriting10 Regular

A B C D E F G H I J K L M  
N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m  
n o p q r s t u v w x y z  
1 2 3 4 5 6 7 8 9 0

you can put **any files you want**  
in your hosting space

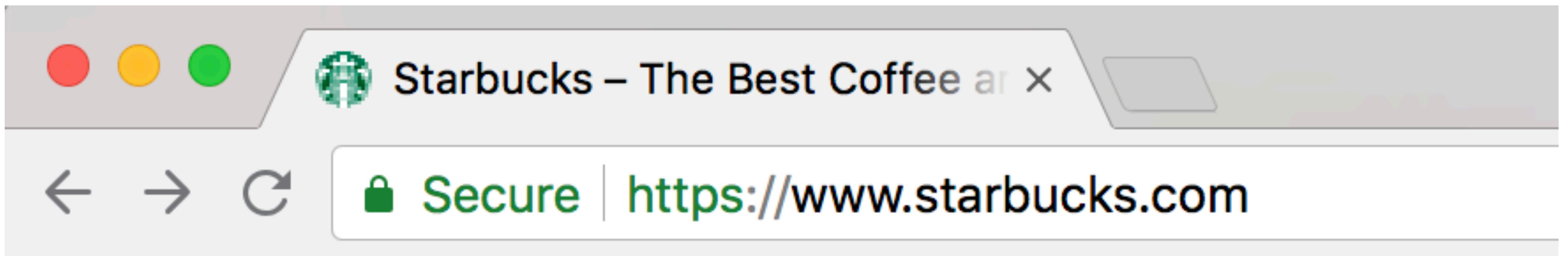




ABC EFGHIJKLM  
NOPQRSTUWXYZ  
a b c d e f g h i j k l m  
n o p q r s t u w x y z  
1234567890

you can put **any files you want** in  
your hosting space **as long as it's  
legal and you own the rights**





*the conceptual*

everyone in here has a  
**domain address** and **hosting space**

▶ \_concept

▶ about.html

▶ assets

▶ body.html

▶ contact.html

▶ contactThanks.html

▶ favicon.ico

▶ fiction.html

▶ funtimes

▶ index.html

▶ journalism.html

▶ news.html

▶ project.html

▶ projects

▶ projects.json

▶ projectTemplate.html

▶ README.md

▶ sl

▶ styles.css

▶ sweet.html

▶ take.html

▶ work.html

▶ work.is

▶

joyce rice  
design et al.

Hi, I'm Joyce!

I'm an experience designer with a focus in interaction and education. I make games, games, and other digital products to help others learn.

I currently live in Brooklyn, New York at American University, and I speak occasionally about game innovation.

If you'd like to see my portfolio, talk about tabletop games, or make game prototypes, follow me on Twitter or drop me a line.

Thanks for visiting!

HTML

▶

**index.html**

HTML - 3 KB

Created 7/15/18, 3:09 PM

Modified 7/15/18, 3:09 PM

Last opened 8/2/18, 5:29 PM

Add Tags...

when you open your website on your computer, you are viewing it **locally**

Joyce Rice is a designer

file:///Users/joycer/Documents/2018\_LIVE/\_hustle-projects/biosite2018/index.html

joyce rice design et al. work about blog contact

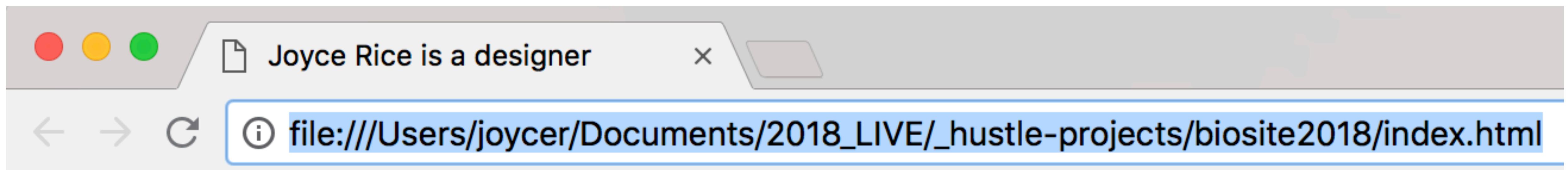


## Hi, I'm Joyce!

I'm an experience designer with a focus in journalism and education. I make comics, games, and other digital products to help folks tell better stories.

I cofounded [Symbolia](#), was a [Fellow at American University](#), and I [speak internationally about media innovation](#).

If you'd like to work together, talk about tabletop games, or make jam comics, [holler at me on twitter](#) or [drop me a line](#).



when we store files on our webspace,  
the content is **hosted**

joyce rice

design et al.

work

about

blog

contact

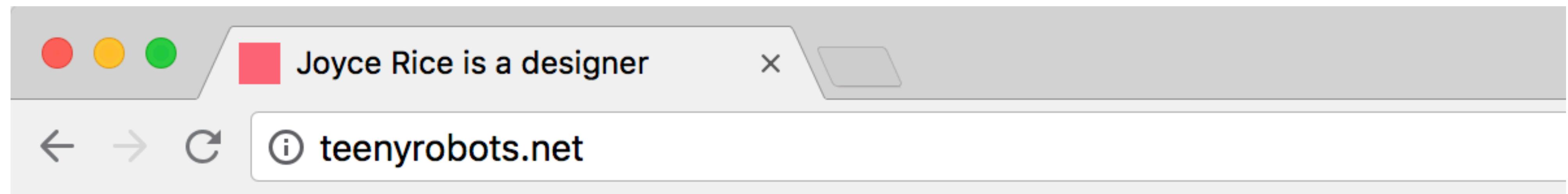


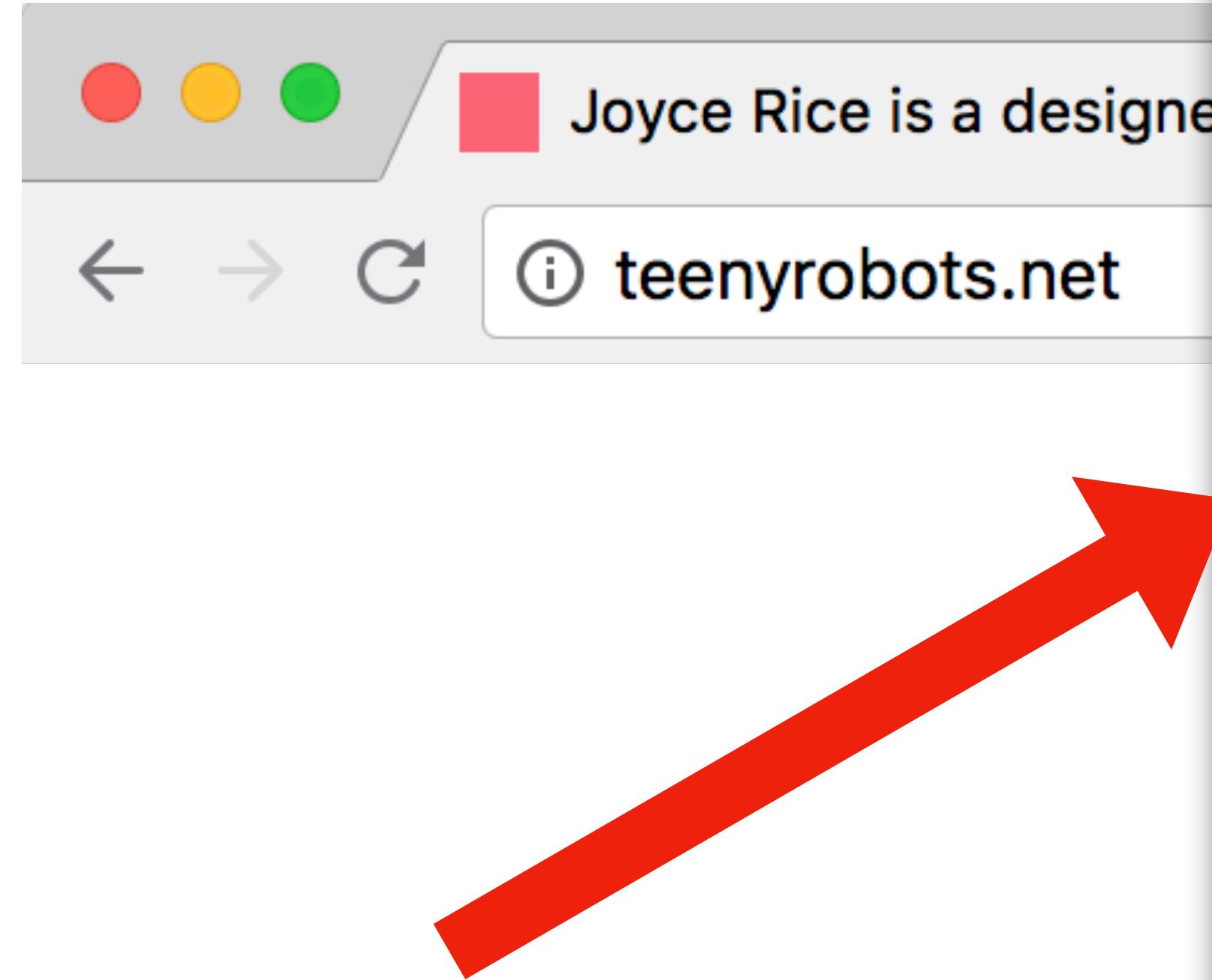
## Hi, I'm Joyce!

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1&1 Domains & SSL

← teenyrobots.net ⓘ

ADJUST DESTINATION

Details Subdomains Privacy & Contact Details Renewal & Transfer Name Server BETA DNS BETA

Status Active

Type Included Domain

Destination Webspace  
[> Adjust Destination](#)

Target /biosite2018  
[> Adjust Webspace Directory](#)

E-mail addresses [Manage](#)  
[Create](#)

SSL Certificate [Activate SSL encryption](#)

Contract 18413376 [⚙️](#)

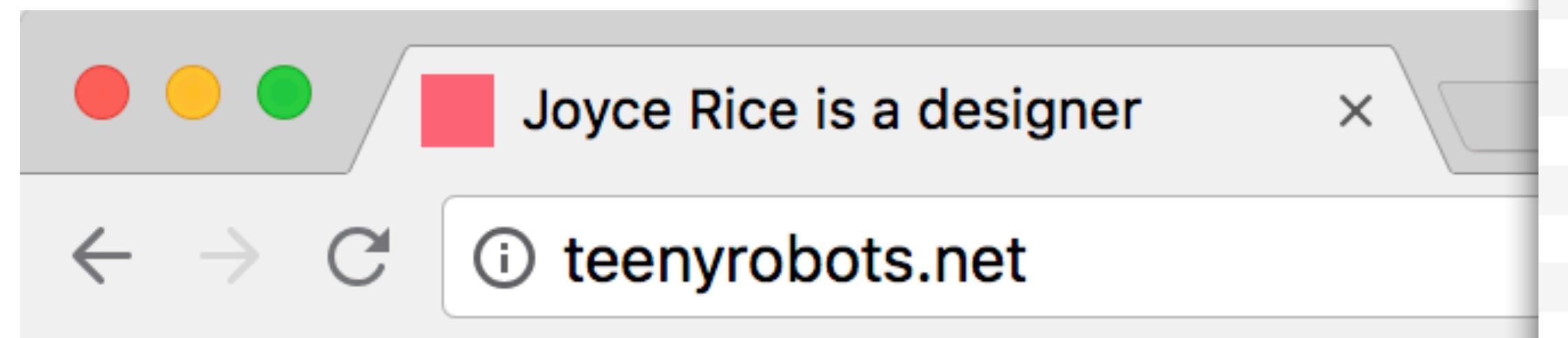
Reset domain [Reset DNS or usage](#)

joyce rice design et al.

work about blog contact

Feedback

teenyrobots.net



home245187785.1and1-data.host SFTP

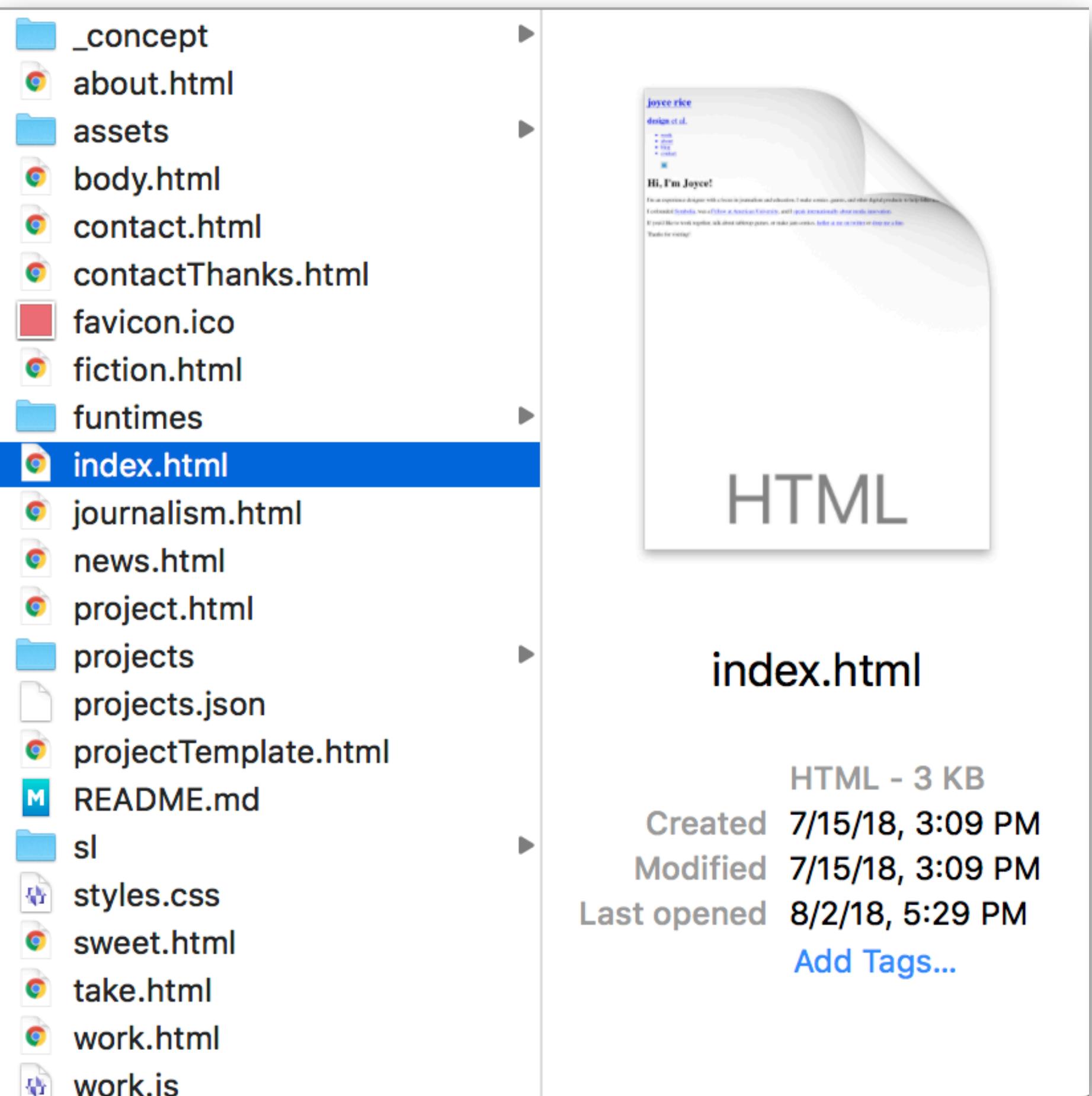
View Refresh Transfer Pause New Folder New File Info Delete Preview Edit Synchronize >>

< > /

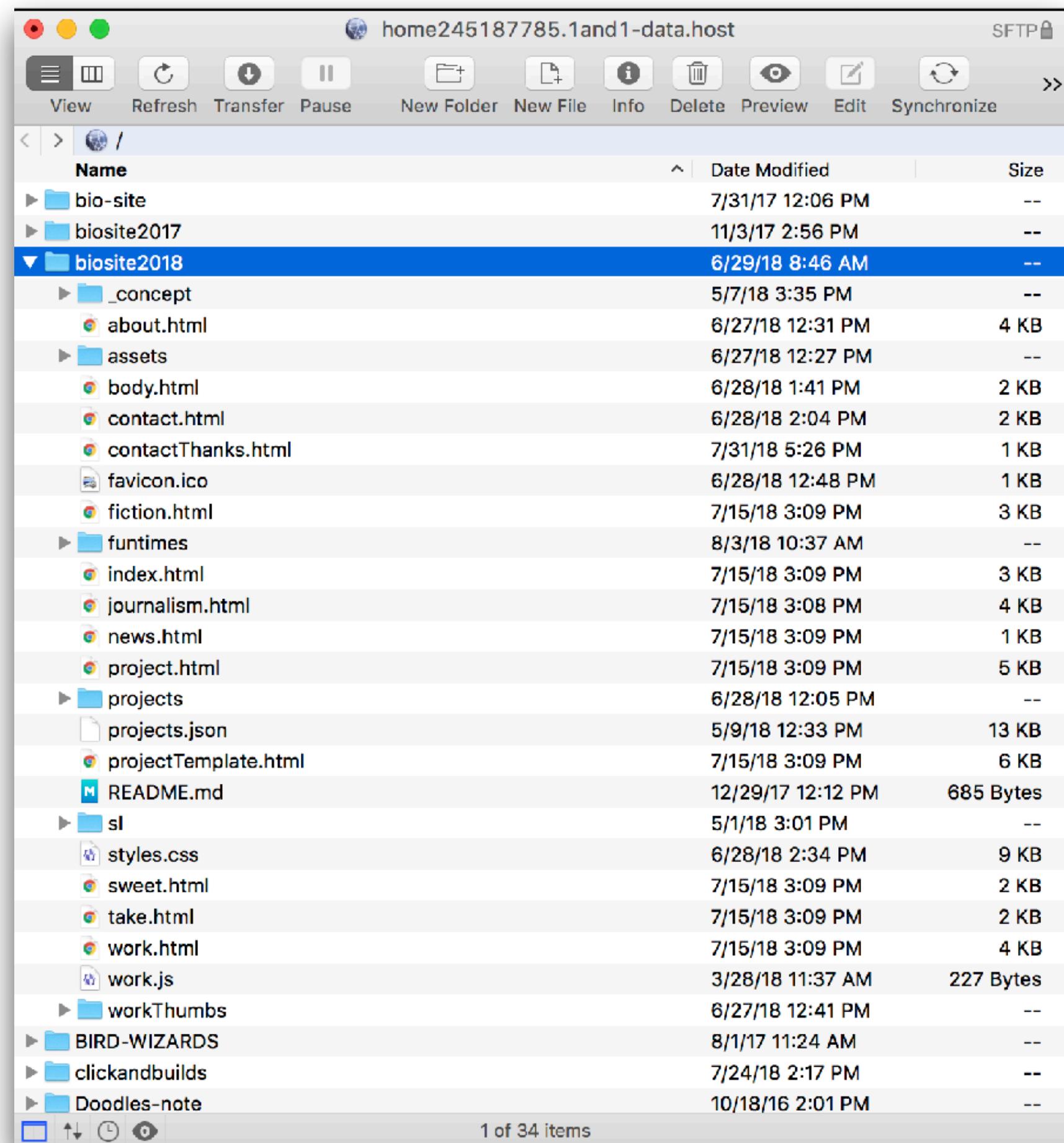
Name	Date Modified	Size
bio-site	7/31/17 12:06 PM	--
biosite2017	11/3/17 2:56 PM	--
<b>biosite2018</b>	<b>6/29/18 8:46 AM</b>	<b>--</b>
_concept	5/7/18 3:35 PM	--
about.html	6/27/18 12:31 PM	4 KB
assets	6/27/18 12:27 PM	--
body.html	6/28/18 1:41 PM	2 KB
contact.html	6/28/18 2:04 PM	2 KB
contactThanks.html	7/31/18 5:26 PM	1 KB
favicon.ico	6/28/18 12:48 PM	1 KB
fiction.html	7/15/18 3:09 PM	3 KB
funtimes	8/3/18 10:37 AM	--
index.html	7/15/18 3:09 PM	3 KB
journalism.html	7/15/18 3:08 PM	4 KB
news.html	7/15/18 3:09 PM	1 KB
project.html	7/15/18 3:09 PM	5 KB
projects	6/28/18 12:05 PM	--
projects.json	5/9/18 12:33 PM	13 KB
projectTemplate.html	7/15/18 3:09 PM	6 KB
README.md	12/29/17 12:12 PM	685 Bytes
sl	5/1/18 3:01 PM	--
styles.css	6/28/18 2:34 PM	9 KB
sweet.html	7/15/18 3:09 PM	2 KB
take.html	7/15/18 3:09 PM	2 KB
work.html	7/15/18 3:09 PM	4 KB
work.js	3/28/18 11:37 AM	227 Bytes
workThumbs	6/27/18 12:41 PM	--
BIRD-WIZARDS	8/1/17 11:24 AM	--
clickandbuilds	7/24/18 2:17 PM	--
Doodles-note	10/18/16 2:01 PM	--

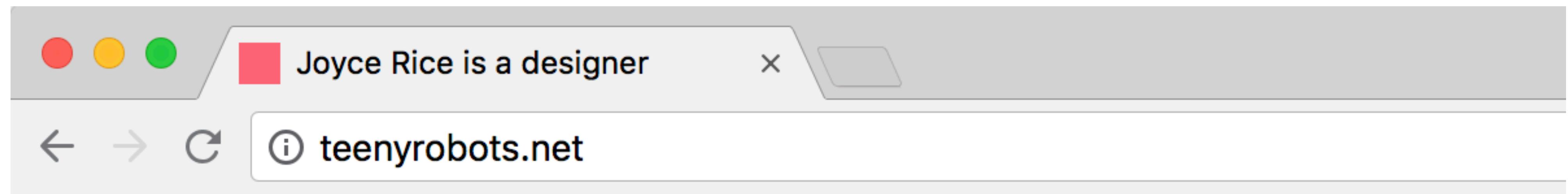
1 of 34 items

# local



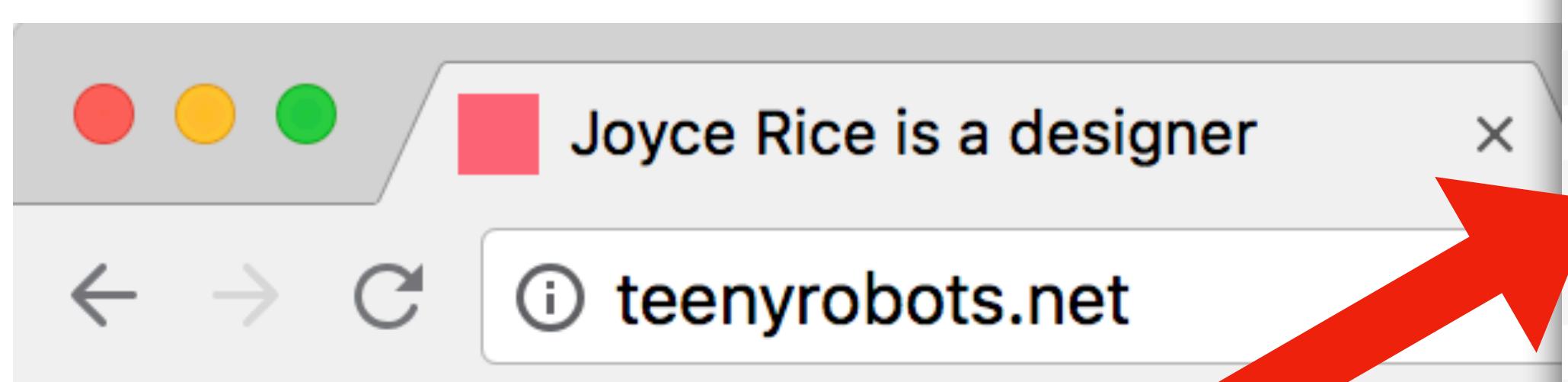
# hosted





home245187785.1and1-data.host SFTP

Name	Date Modified	Size
bio-site	7/31/17 12:06 PM	--
biosite2017	11/3/17 2:56 PM	--
<b>biosite2018</b>	<b>6/29/18 8:46 AM</b>	--
_concept	5/7/18 3:35 PM	--
about.html	6/27/18 12:31 PM	4 KB
assets	6/27/18 12:27 PM	--
body.html	6/28/18 1:41 PM	2 KB
contact.html	6/28/18 2:04 PM	2 KB
contactThanks.html	7/31/18 5:26 PM	1 KB
favicon.ico	6/28/18 12:48 PM	1 KB
fiction.html	7/15/18 3:09 PM	3 KB
funtimes	8/2/18 10:27 AM	--
index.html	7/15/18 3:09 PM	3 KB
journalm.htm	7/15/18 3:09 PM	4 KB
news.html	7/15/18 3:09 PM	1 KB
project.html	7/15/18 3:09 PM	5 KB
projects	6/28/18 12:05 PM	--
projects.json	5/9/18 12:33 PM	13 KB
projectTemplate.html	7/15/18 3:09 PM	6 KB
README.md	12/29/17 12:12 PM	685 Bytes
sl	5/1/18 3:01 PM	--
styles.css	6/28/18 2:34 PM	9 KB
sweet.html	7/15/18 3:09 PM	2 KB
take.html	7/15/18 3:09 PM	2 KB
work.html	7/15/18 3:09 PM	4 KB
work.js	3/28/18 11:37 AM	227 Bytes
workThumbs	6/27/18 12:41 PM	--
BIRD-WIZARDS	8/1/17 11:24 AM	--
clickandbuilds	7/24/18 2:17 PM	--
Doodles-note	10/18/16 2:01 PM	--



Domains & SSL | 1&1 Control P x Joyce Rice is a designer x

← → C i teenyrobots.net/work.html

Joyce



joyce rice design et al. work about blog contact

## Featured Projects

Factitious Newsgame

Digital Comics Anthology Web app

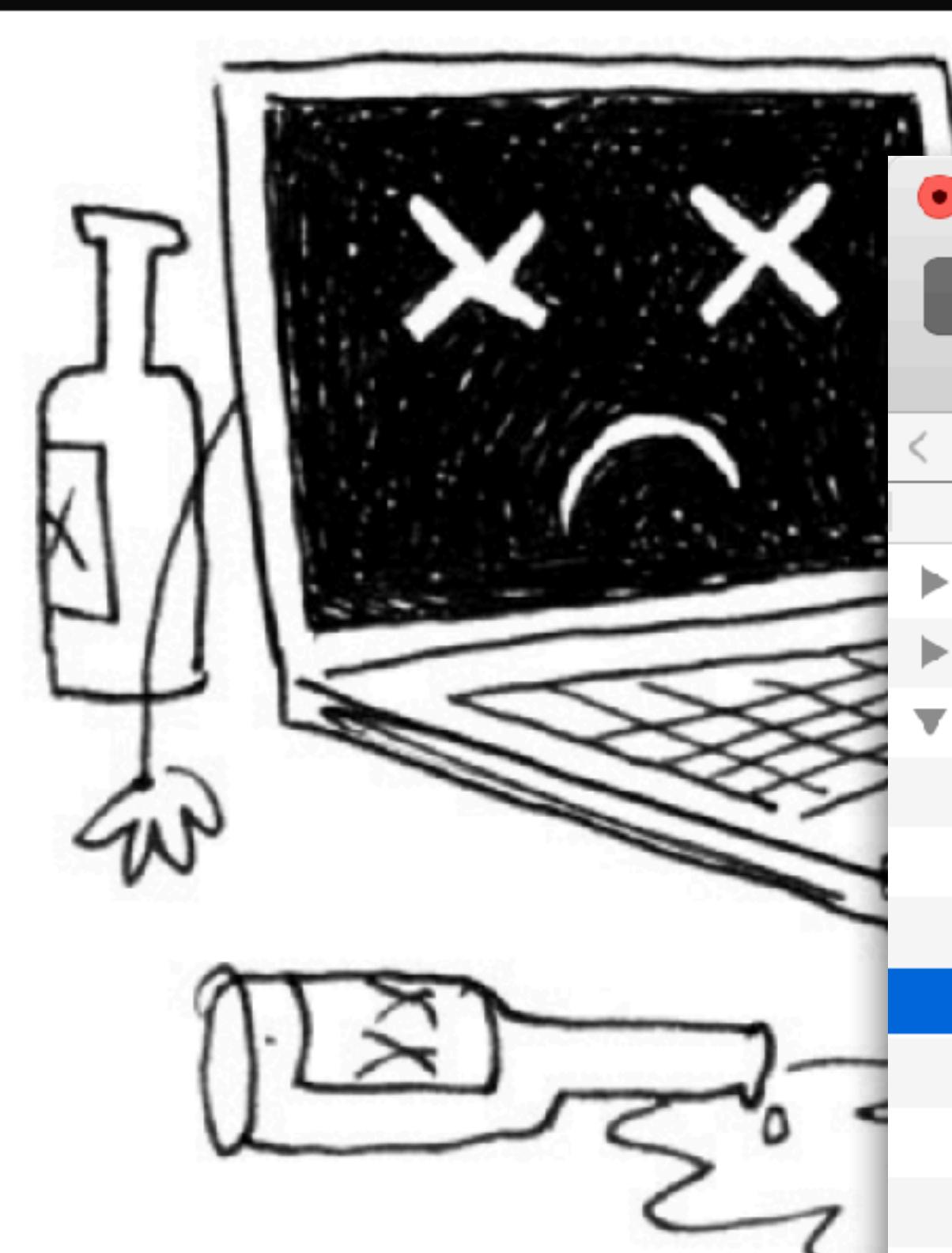
**FACTITIOUS**  
A game that tests your news sense  
by JoLT and AU Game Lab

can you tell real news from fake news?  
Swipe right or click if you think the article is real  
Swipe left or click if you think the article is fake

california college of the arts  
**MFA IN COMICS**

Domains & SSL | 1&1 Control Panel error.jpg (500x365) Joyce

teenyrobots.net/assets/error.jpg



home245187785.1and1-data.host SFTP

View Refresh Transfer Pause New Folder New File Info Delete Preview Edit Synchronize

< > /

Name	Date Modified	Size
bio-site	7/31/17 12:06 PM	--
biosite2017	11/3/17 2:56 PM	--
biosite2018	6/29/18 8:46 AM	--
_concept	5/7/18 3:35 PM	--
about.html	6/27/18 12:31 PM	4 KB
assets	6/27/18 12:27 PM	--
error.jpg	10/21/16 6:50 AM	36 KB
icons	6/27/18 12:29 PM	--
joycer.jpg	11/3/17 2:50 PM	152 KB
joycerPic.jpg	11/3/17 2:50 PM	15 KB
joycerPic2.png	4/14/18 9:35 AM	7.2 MB
joycerPic3.png	4/14/18 9:37 AM	6.5 MB
logos	5/3/18 11:45 AM	--
newseum.png	6/27/18 11:51 AM	4.2 MB
newy.png	6/20/18 2:17 PM	3.0 MB

we want to **host** our content so  
other people can see it

*the practical*

we access our webspace using a  
process called **FTP**

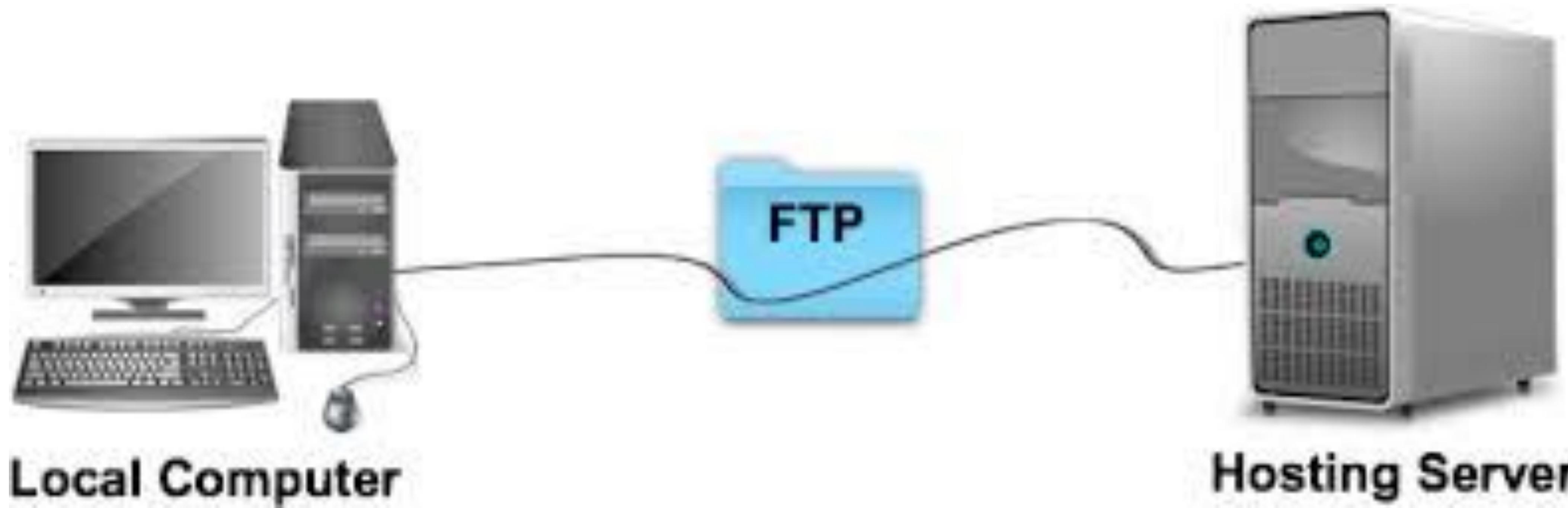
# File transfer protocol

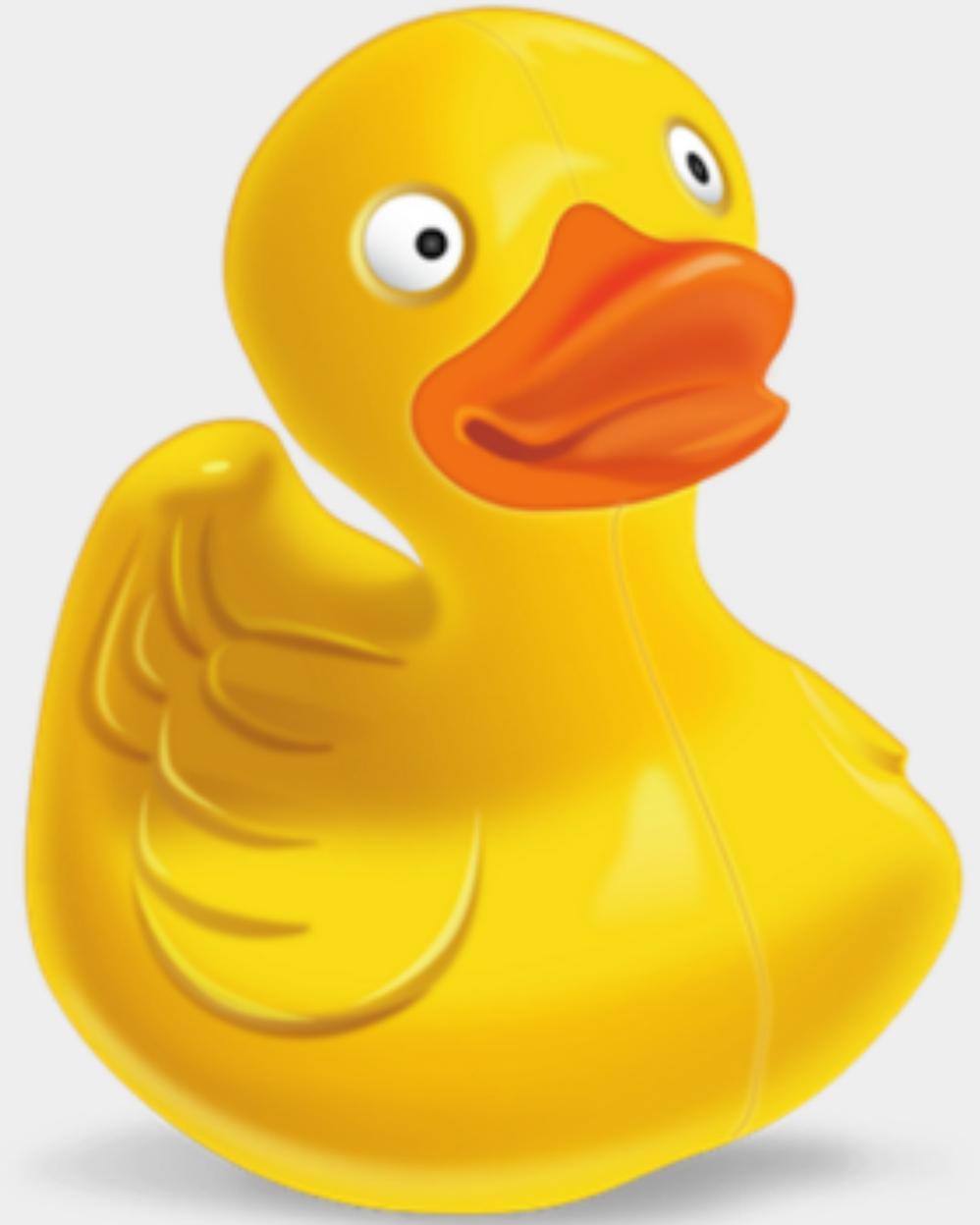
a standard process used to transfer files between a **client** and **server** on a computer network

[wikipedia.org](#)

our small, insignificant  
computers are **clients**

the computers out in the world hosting  
our webspace are **servers**





# Cyberduck

Libre **FTP, SFTP, WebDAV, S3, Azure & OpenStack Swift** browser for Mac and Windows.

[Download for Windows.](#)

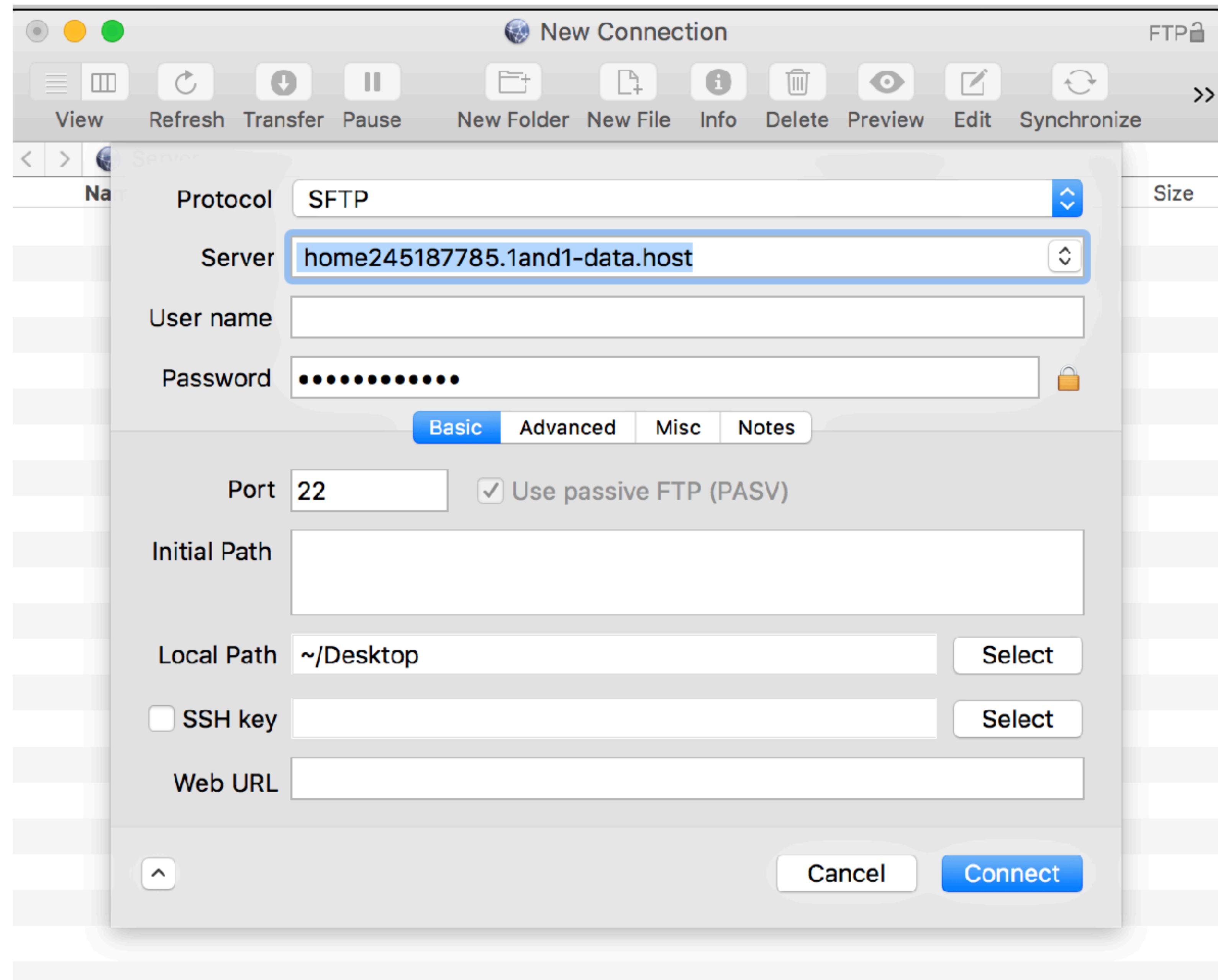
[Download for Mac.](#)

Download on the Mac App Store

Pick the appropriate platform and download the installer.

The screenshot shows the Cyberduck application window. The title bar says "Amazon (HTTPS)". The interface includes a toolbar with "Open Connection", "Quick Connect", "Action", "Edit", "Terminal", and "Disconnect" buttons. Below the toolbar is a menu bar with "Bookmarks", "History", and "Bonjour". The main pane displays a list of cloud connections:

- Rackspace Cloudfiles  
identity.api.rackspacecloud.com  
https://cyberduck@identity.api.rackspacecloud.com/
- Amazon (HTTPS)  
s3.amazonaws.com  
https://AKIAIUTNSUDAA36D3RLQ@s3.amazonaws.com/ (highlighted in blue)
- Cyberduck  
cyberduck.ch  
sftp://dkoche@cyberduck.ch/ (highlighted in blue)
- Google Cloud Storage  
storage.googleapis.com  
https://408246103372@storage.googleapis.com/



A screenshot of a web browser window titled "Hosting | 1&1 Control Panel". The address bar shows the URL "1&1 Internet Inc. [US] | https://my.1and1.com/ftp-account-overview?linkId=nav.left.product". The main content area has a blue header with the "1&1 Hosting" logo. Below the header, the text "Manage secure FTP accounts" and "User for accessing your webspace" is displayed. At the bottom left, there is a button labeled "+ Create User".

Hosting | 1&1 Control Panel

1&1 Internet Inc. [US] | https://my.1and1.com/ftp-account-overview?linkId=nav.left.product

1&1 Hosting

Manage secure FTP accounts

User for accessing your webspace

+ Create User

we are going to **deploy** content to our  
**webspace**, and **point a domain** to it

Q's?