
FEWD

WEB HOSTING

WHAT DOES IT MEAN TO HOST A SITE?

WHAT

The business of housing, serving, and maintaining files for one or more websites. In a sense, you rent space on a computer to hold your website.

HOW

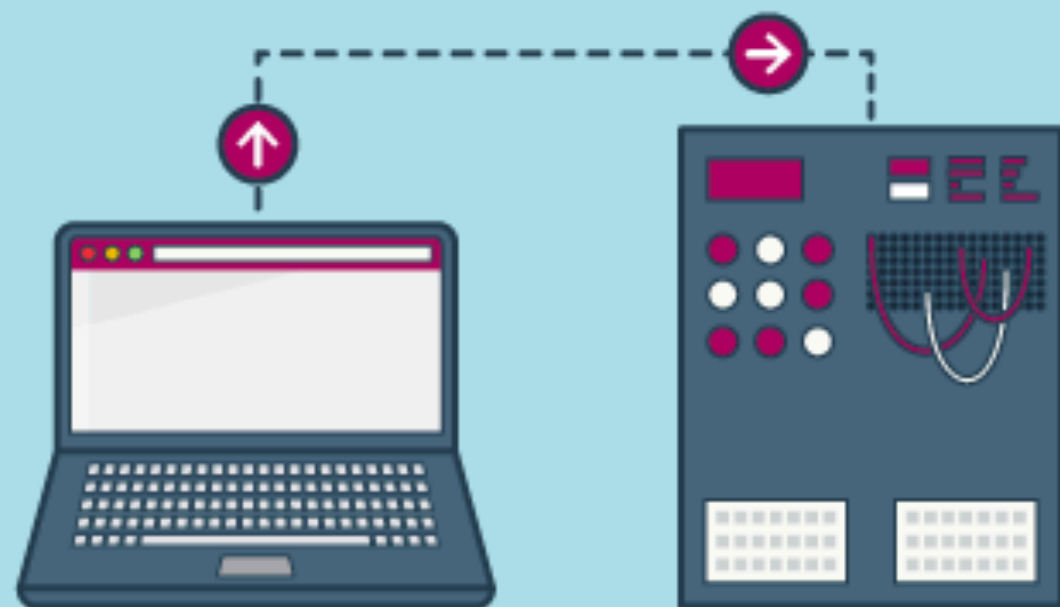
Your host, the computer where your website files are stored, assigns an address (DNS) for your files to your domain name so that anyone can find your website on the Internet by typing in your domain name.

LAB

GITHUB PAGES

1

Your computer's browser
sends a request to the
website's server

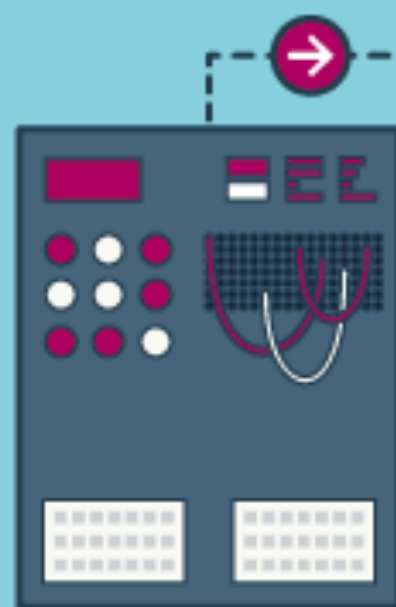


2

The web server
receives the request

3

The web server responds
to the request



4

Your browser shows
that content to you



HEROKU

“Heroku is a cloud platform that lets companies build, deliver, monitor and scale apps — we're the fastest way to go from idea to URL, bypassing all those infrastructure headaches.”

PREREQUISITES FOR HEROKU

Have git installed

Heroku Account

Download the Heroku Toolbelt (need Brew to do this)

Run heroku login in your terminal or command prompt and fill in your Heroku credentials


DEPLOYING

Navigate to project in command prompt

Create an index.php file (why?)

Add one line of PHP: `<?php header('Location: /index.html') ; ?>`

Git commands: `git init`, `git add -A`, `git commit -m "message"`, `heroku apps:create my-static-site-example`, `git push heroku master`

<input type="checkbox"/>	Domain	Expires (Days Left)	Privacy	Renew
<input checked="" type="checkbox"/>	melodyserra.com 	November 13, 2018(364)	Enabled	Auto

[Overview](#)
[Pointers](#)
[Transfer](#)
[Contact](#)
[DNS](#)
[Nameservers](#)
[Security](#)
[Subdomains](#)
[Renew](#)

Modify:

New Record *.melodyserra.com added to melodyserra.com

CNAME (Alias)

A CNAME record (also known as an alias record) is a subdomain that points to a domain name (sales.yourdomain.com >> yourdomain.com)

Host	Points To:	Action
*	melodyserra.herokuapp.com	<input type="text" value="---"/>
www	melodyserra.herokuapp.com	<input type="text" value="---"/>

Add


```
[Melodys-MacBook-Pro:melodyserraheroku melodyserra$ heroku domains:add melodyserra.com
```

```
Adding melodyserra.com to ● melodyserra... done
```

- ▶ Configure your app's DNS provider to point to the DNS Target
- ▶ `melodyserra.com.herokudns.com`.
- ▶ For help, see <https://devcenter.heroku.com/articles/custom-domains>

```
The domain melodyserra.com has been enqueued for addition
```

- ▶ Run `heroku domains:wait 'melodyserra.com'` to wait for completion

```
[Melodys-MacBook-Pro:melodyserraheroku melodyserra$ heroku domains:add *.melodyserra.com
```

```
Adding *.melodyserra.com to ● melodyserra... done
```

- ▶ Configure your app's DNS provider to point to the DNS Target
- ▶ `wildcard.melodyserra.com.herokudns.com`.
- ▶ For help, see <https://devcenter.heroku.com/articles/custom-domains>

```
The domain *.melodyserra.com has been enqueued for addition
```

- ▶ Run `heroku domains:wait '*.melodyserra.com'` to wait for completion

```
[Melodys-MacBook-Pro:melodyserraheroku melodyserra$ heroku domains:add www.melodyserra.com
```

```
Adding www.melodyserra.com to ● melodyserra... done
```

- ▶ Configure your app's DNS provider to point to the DNS Target
- ▶ `www.melodyserra.com.herokudns.com`.
- ▶ For help, see <https://devcenter.heroku.com/articles/custom-domains>

FINAL PROJECTS!!!

PRESENTATIONS

GUIDELINES

Walk us through your site!

- Tell us about the features
- Describe the functionality
- How did you accomplish what you accomplished?
- What is the ultimate goal of the site?
- Is your design responsive? Show us!

Talk about your process

- What was tricky?
- What are you especially excited about being able to accomplish?
- Are there any known bugs or features you'd like to add in the future?

EXIT TICKETS