

Introduction to Heroku





There's pressure to deliver features and functionality, fast.

Productivity

Infrastructure, operations, security and maintenance built-in

Beautiful, powerful interfaces - GUI and CLI

Instant deployment

Scale up in a single command

Better Apps

100s of cloud services to deliver rich functionality

Development, staging and production environments for safe & continuous delivery

Deep visibility into every part of your application

Collaboration built-in

Manage and control your entire app through loosely-coupled components

Trusted Platform

Over 4 million apps created

Used by leading application innovators

24/7 support with guaranteed response time

GitHub

CODE *for*
AMERICA

lyft

TED

MailChimp

facebook



Core Concepts



Standard support for Ruby, Java, Node.js, Python, Clojure, Scala and more.

Workflow

Homogeneous staging, development and production environments

Roll out new features and other changes quickly and safely

Use `heroku fork` to spin up unique, running instances



Deployment

```
git push heroku master
```

1. Push apps to Heroku instantly using Git
2. Heroku fetches all dependencies, generates files and assets, and compiles the source code.
3. Heroku executes your application with commands you specify.
4. Your app is up and running on Heroku immediately, accessible from any device.

Releases

`heroku releases`

Creates a new release each time you make changes

See a full history of releases for an app, who made them and what changed

Deploy bad code? Rollback to a previous release in a single command

Logging

heroku logs

Open-source, distributed log routing and collation platform

Tail and filter from the terminal

Output from app, app server, installed libraries, backing services, API logs, more

Comprehensive, extensible logging built for teams

Collaboration

```
heroku sharing:add shanley@heroku.com
```

All privileges except paid add-ons, deletion/renaming, viewing invoices

Collaborators can clone app locally

Pull down code changes

Revoke permissions or hand-off apps

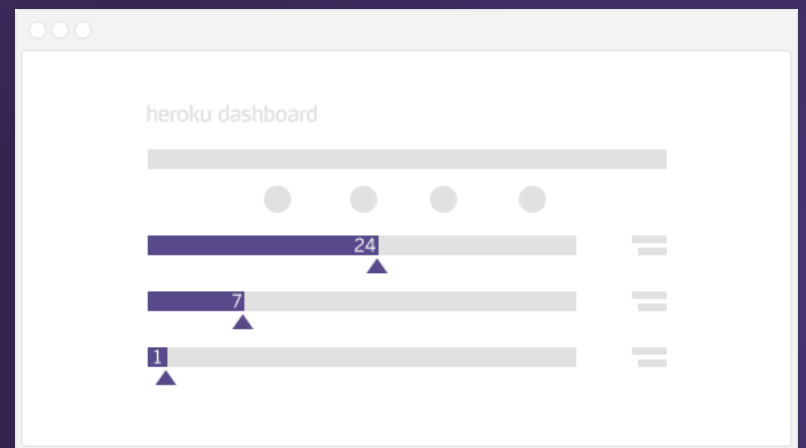


Dynos

Each dyno runs a single command or process

Scale up and down to accommodate growth, traffic spikes, etc.

Add-ons available for auto-scaling dynos



Add-ons

100s of fully managed services, operated by experts

Provision to your application in a single command

Data stores, mobile, search, logging, email, analytics, caching, monitoring...



heroku
postgres



Nodetime

Performance Analytics
for Node.js



REDIS TO GO

BLITZ 

LOAD TESTING FROM THE CLOUD

Postgres



Postgres as a Service, hosted on AWS

Easily set up read-only replicas

Query and share data easily



Resources



devcenter.heroku.com
devcenter.heroku.com/categories/nodejs



github.com/heroku



twitter.com/heroku



blog.heroku.com