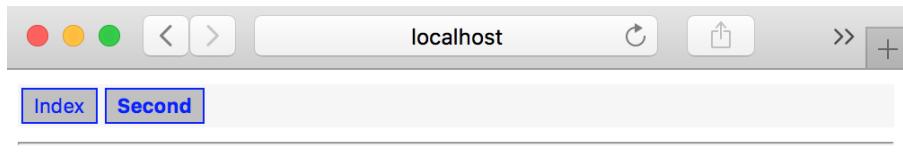
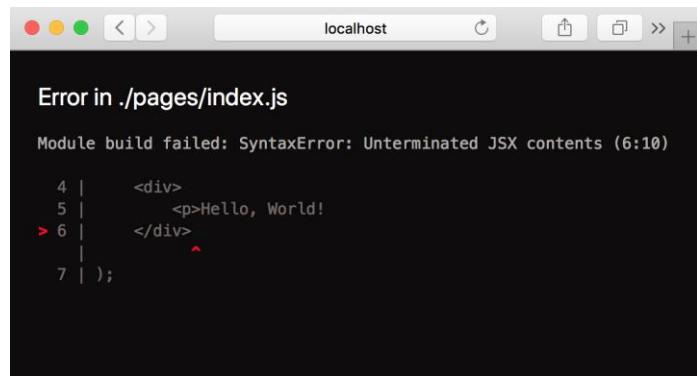
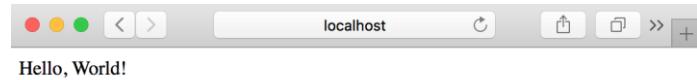
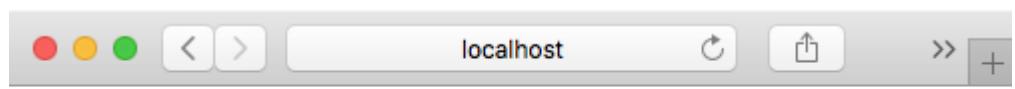


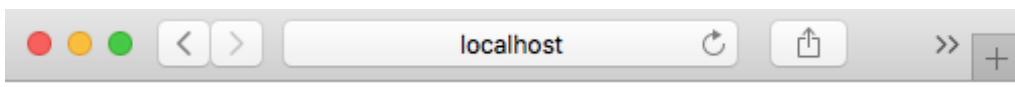
Chapter 2: Next.js fundamentals



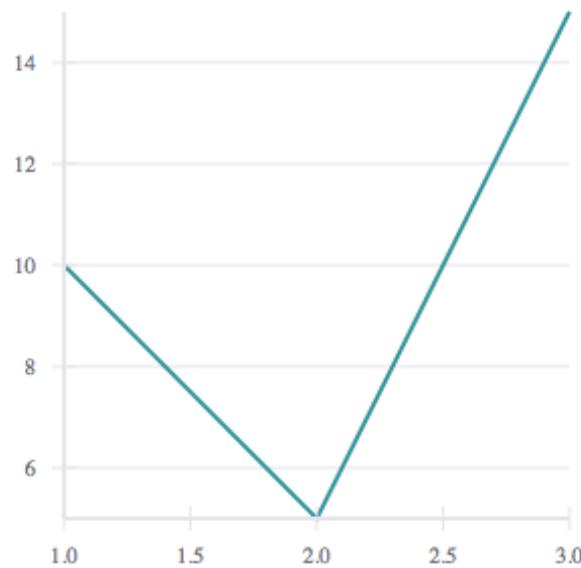
Foo



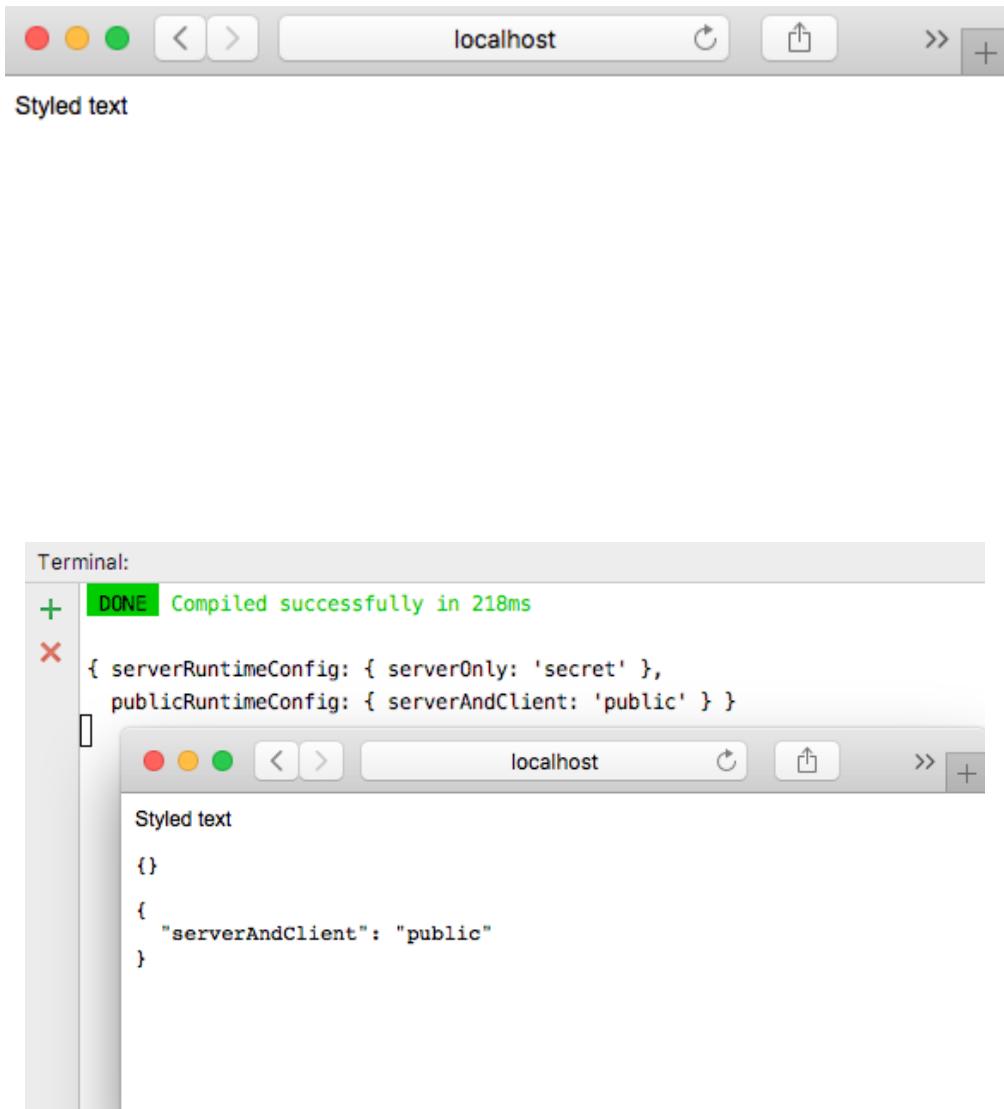
- [Foo](#)
- [Bar](#)
- [Baz](#)
- [Qux](#)



- [Foo](#)
- [Bar](#)
- [Baz](#)
- [Qux](#)



Chapter 3: Next.js Configuration



The screenshot shows a terminal window and a browser window side-by-side.

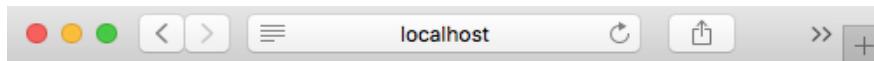
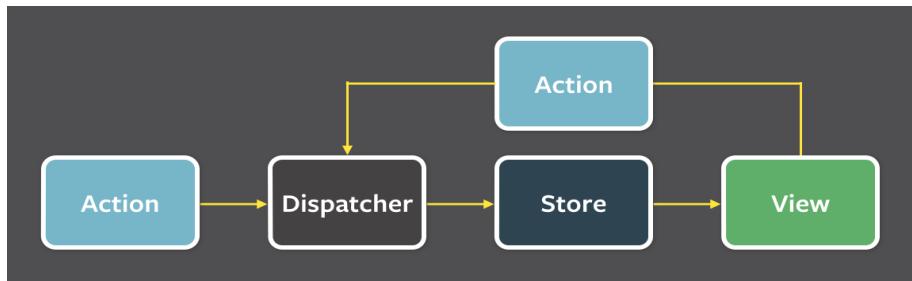
Terminal:

- + DONE Compiled successfully in 218ms
- ✗ { serverRuntimeConfig: { serverOnly: 'secret' },
publicRuntimeConfig: { serverAndClient: 'public' } }

Browser Window:

- localhost
- Styled text
- {
 "serverAndClient": "public"
}

Chapter 4: Next.js Data Flow



A New Hope

Director: George Lucas

Characters: Luke Skywalker, C-3PO, R2-D2, Darth Vader, Leia Organa, Owen Lars, Beru Whitesun Lars, R5-D4, Biggs Darklighter, Obi-Wan Kenobi, Wilhuff Tarkin, Chewbacca, Han Solo, Greedo, Jabba Desilijic Tiure, Wedge Antilles, Jek Tono Porkins, Raymus Antilles

Attack of the Clones

Director: George Lucas

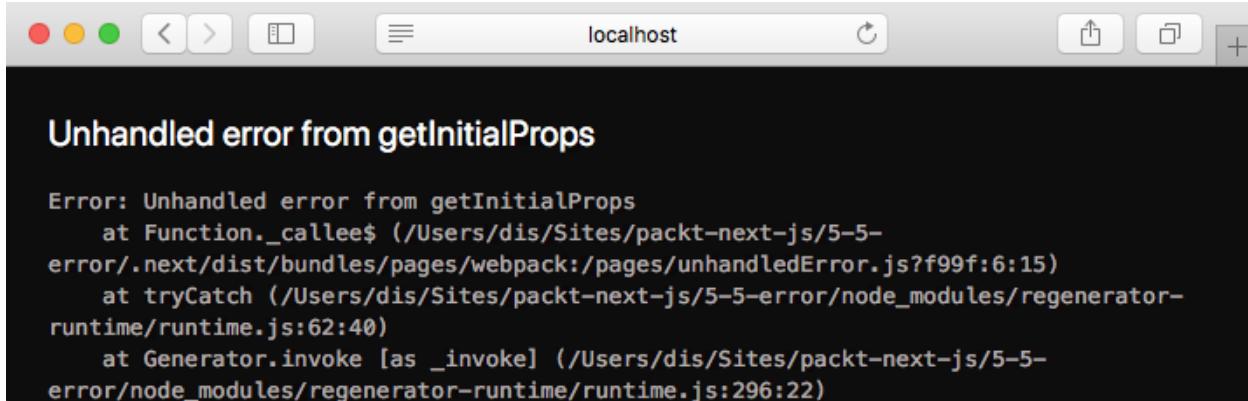
Characters: C-3PO, R2-D2, Owen Lars, Beru Whitesun Lars, Obi-Wan Kenobi, Anakin Skywalker, Yoda, Palpatine, Boba Fett, Nute Gunray, Jar Jar Binks, Watto, Shmi Skywalker, Ayla Secura, Mace Windu, Ki-Adi-Mundi, Kit Fisto, Plo Koon, Mas Amedda, Gregar Typho, Cordé, Cliegg Lars, Poggle the Lesser, Luminara Unduli, Barriss Offee, Dormé, Dooku, Bail Prestor Organa, Jango Fett, Zam Wesell, Dexter Jettster, Lama Su, Taun We, Jocasta Nu, R4-P17, Wat Tambor, San Hill, Shaak Ti, Sly Moore, Padmé Amidala

The Phantom Menace

Director: George Lucas

Characters: C-3PO, R2-D2, Obi-Wan Kenobi, Anakin Skywalker, Jabba Desilijic Tiure, Yoda, Palpatine, Qui-Gon Jinn, Nute Gunray, Finis

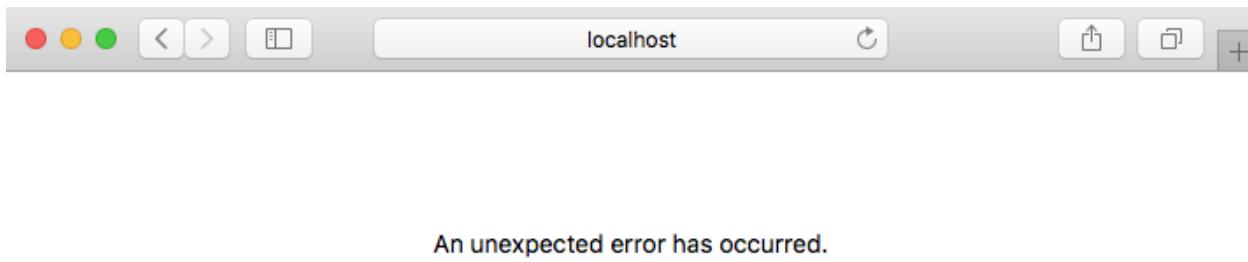
Chapter 5: Application Life Cycle Handlers and Business Logic



A screenshot of a web browser window titled "localhost". The main content area displays the following text:

Unhandled error from getInitialProps

```
Error: Unhandled error from getInitialProps
    at Function._callee$ (/Users/dis/Sites/packt-next-js/5-5-
error/.next/dist/bundles/pages/webpack:/pages/unhandledError.js?f99f:6:15)
    at tryCatch (/Users/dis/Sites/packt-next-js/5-5-error/node_modules/regenerator-
runtime/runtime.js:62:40)
    at Generator.invoke [as _invoke] (/Users/dis/Sites/packt-next-js/5-5-
error/node_modules/regenerator-runtime/runtime.js:296:22)
```



The screenshot shows the Google Analytics Admin interface. The left sidebar has a search icon, followed by ADMIN (which is selected) and USER. Below these are icons for Home, Overview, User Management, All Filters, Change History, and Trash Can. The main content area shows 'All accounts > [redacted]'. Under 'Account' is a 'Create Account' button. On the left, there's a sidebar with a back arrow, 'Account Settings' (highlighted in red), User Management, All Filters, Change History, and Trash Can. The right side is the 'Account Settings' page. It has sections for 'Basic Settings' (Account ID, Account Name, both with redacted values), 'Data Sharing Settings' (with a note about security and a link to privacy policy), and a note about data sharing options. A blue arrow points to the 'Account ID' field.

All accounts > [redacted]

ADMIN USER

Account [+ Create Account](#)

Account Settings

Basic Settings

Account Id 

Account Name

Data Sharing Settings (?)

You collect, process, and store using Google Analytics ("Google Analytics data") is secure and key system critical operations, and in rare exceptions for legal reasons as described in our [privacy policy](#).

The data sharing options give you more control over sharing your Google Analytics data. [Learn more](#).

Chapter 6: Continuous Integration

The screenshot shows the top navigation bar of the Travis CI website. It includes standard OS X window controls (red, yellow, green buttons), a search bar with the text "Travis CI GmbH", and a toolbar with icons for file operations. Below the bar, there's a menu with "Travis CI" and links to "About Us", "Blog", "Status", and "Help". On the right, there's a green "Sign in with GitHub" button.

Test and Deploy with Confidence

Easily sync your GitHub projects with Travis CI and you'll be testing your code in minutes!

 Sign Up

Kirill Konshin

 Sync account

We're only showing your public repositories. You can find your private projects on travis-ci.com.



1
Flick the repository switch on



2
Add .travis.yml file to your repository



3
Trigger your first build with a git push



```
1 mode of '/usr/local/clang-5.0.0/bin' changed from 0777 (rwxrwxrwx) to 0775 (rwxrwxr-x)
▶ 2 Build system information
399
400 removed '/etc/apt/sources.list.d/basho_riak.list'
401 Network availability confirmed.
402 127.0.0.1      localhost
403 ::1           ip6-localhost ip6-loopback
404 fe00::0 ip6-localnet
405 ff00::0 ip6-mcastprefix
406 ff02::1 ip6-allnodes
407 ff02::2 ip6-allrouters
408 172.17.0.9    travis-job-kirill-konshin-next-test-367426849.travisci.net travis-job-kirill-konshin-next-test-
367426849
409 W: http://ppa.launchpad.net/couchdb/stable/ubuntu/dists/trusty/Release.gpg: Signature by key
15866BAFD98CC4F3C1E0DFC7D69548E1C17EAB57 uses weak digest algorithm (SHA1)
▶ 410 $ git clone --depth=50 --branch=master https://github.com/kirill-konshin/next-test.git
411 $ export PATH=./node_modules/.bin:$PATH
412 Updating nvm
▶ 421 $ nvm install stable
422 $ node --version
423 v9.11.1
430 $ npm --version
431 5.6.0
432 $ nvm --version
433 0.33.8
▶ 434 $ npm install
2537 $ npm test
2538
2539 > 6-3-e2e-tests@1.0.0 test /home/travis/build/kirill-konshin/next-test
2540 > NODE_ENV=test jest
2541
2542 PASS  pages/index.test.js
2543   Basic integration
2544     ✓ shows the page (2597ms)
2545     ✓ clicks the button (305ms)
2546
2547 Test Suites: 1 passed, 1 total
2548 Tests:       2 passed, 2 total
2549 Snapshots:  0 total
2550 Time:        4.11s
2551 Ran all test suites.
2552 Killed
2553
2554
2555 The command "npm test" exited with 0.
2556
2557 Done. Your build exited with 0.
```

Top ▲

gitlab.com

GitLab Projects Groups More This project Search 0 2 4 1

N Setting up libxml-parser-perl (2.41-3) ...
Setting up libxml-twig-perl (1:3.48-1) ...
Setting up libnet-dbus-perl (1.0.0-2+b2) ...
Processing triggers for libc-bin (2.19-18+deb8u10) ...
Processing triggers for systemd (215-17+deb8u7) ...
Processing triggers for dbus (1.8.22-0+deb8u1) ...
\$ npm install
> puppeteer@1.3.0 install /builds/kirill.konshin/next-test/node_modules/puppeteer
> node install.js

Chromium downloaded to /builds/kirill.konshin/next-test/node_modules/puppeteer/.local-chromium/linux-549031

> uglifyjs-webpack-plugin@0.4.6 postinstall /builds/kirill.konshin/next-test/node_modules/webpack/node_modules/uglifyjs-webpack-plugin
> node lib/post_install.js

npm WARN 6-3-e2e-tests@1.0.0 No description.
npm WARN 6-3-e2e-tests@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.1.3 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.1.3
: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

added 1025 packages in 29.804s
\$ npm test

> 6-3-e2e-tests@1.0.0 test /builds/kirill.konshin/next-test
> NODE_ENV=test jest

PASS pages/index.test.js
 Basic integration
 ✓ shows the page (2582ms)
 ✓ clicks the button (295ms)

Test Suites: 1 passed, 1 total
Tests: 2 passed, 2 total
Snapshots: 0 total
Time: 3.823s
Ran all test suites.
Creating cache default...
node_modules/: found 19690 matching files
Uploading cache.zip to http://runners-cache-5-internal.gitlab.com:444/runner/project/6097713/default
Created cache
Job succeeded

test Retry

Duration: 3 minutes 3 seconds
Timeout: 1h (from project) ?
Runner: #40786

Commit 3437a606 ↗
Gitlab

→ ✅ test

Chapter 7: Containers

The screenshot shows the Heroku Dashboard interface. At the top, there are four integration buttons: Heroku Git (Use Heroku CLI), GitHub (Connect to GitHub), Dropbox (Connect to Dropbox), and Container Registry (Use Heroku CLI). Below these is a search bar with placeholder text "Search for a repository to connect to". A dropdown menu shows "kirill-konshin" and "next-test", with a "Search" button. A message below says "Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)". Underneath, a repository card for "kirill-konshin/next-test" has a "Connect" button. On the left, under "Automatic deploys", it says "Enables a chosen branch to be automatically deployed to this app." On the right, it says "Enable automatic deploys from GitHub" with a note about CI passing. It shows a dropdown set to "master" and a checked checkbox for "Wait for CI to pass before deploy". A "Enable Automatic Deploys" button is present. Below this is a "Manual deploy" section with a "Deploy a GitHub branch" button, which has a dropdown set to "master" and a "Deploy Branch" button.

Heroku Git
Use Heroku CLI

GitHub
Connect to GitHub

Dropbox
Connect to Dropbox

Container Registry
Use Heroku CLI

Search for a repository to connect to

kirill-konshin

next-test

Search

Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)

kirill-konshin/next-test

Connect

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. Deployes happen automatically: be sure that this branch is always in a deployable state and any tests have passed before you push. Learn more.

master

Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. Learn more.

master

Deploy Branch