

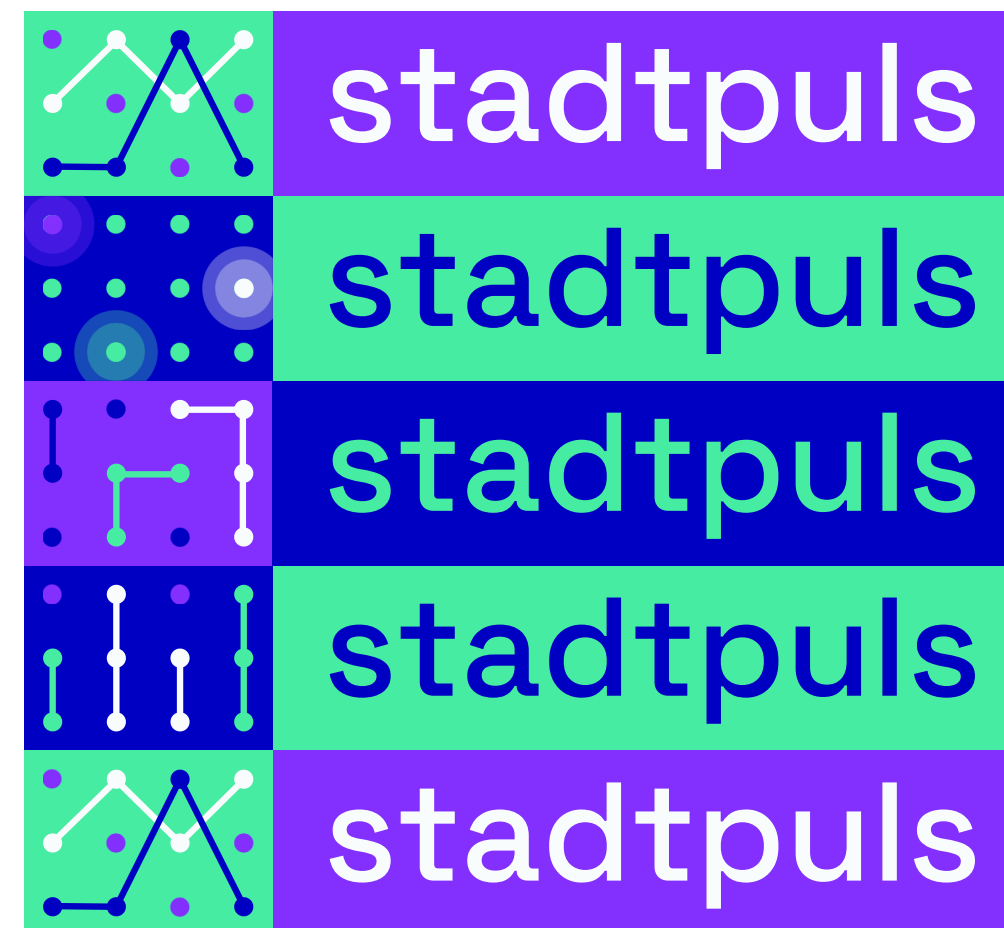
[api.]stadtpuls.com

/behind/the/curtain

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- GitHub: @ff6347

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- UI/UX Designer & Frontend Developer
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- GitHub: @vogelino

T.O.C.

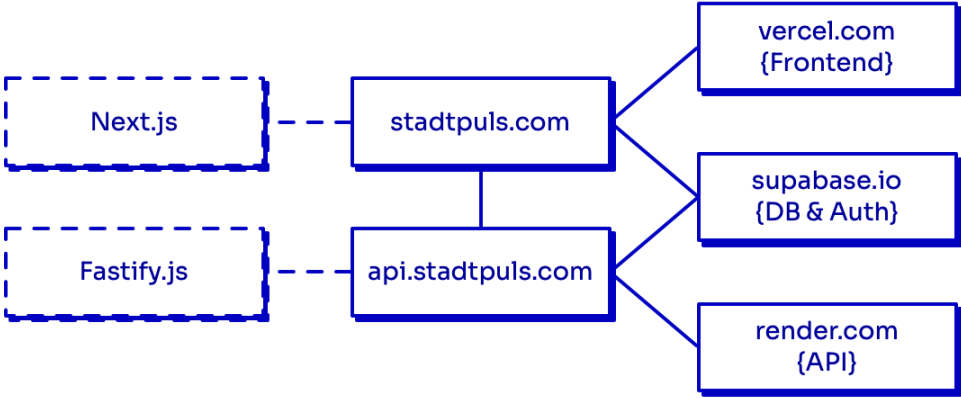
- Stadtpuls Tech Stack
- Konvention vor Konfiguration
- Dokumentation
- Qualitätssicherung

Online Präsentation

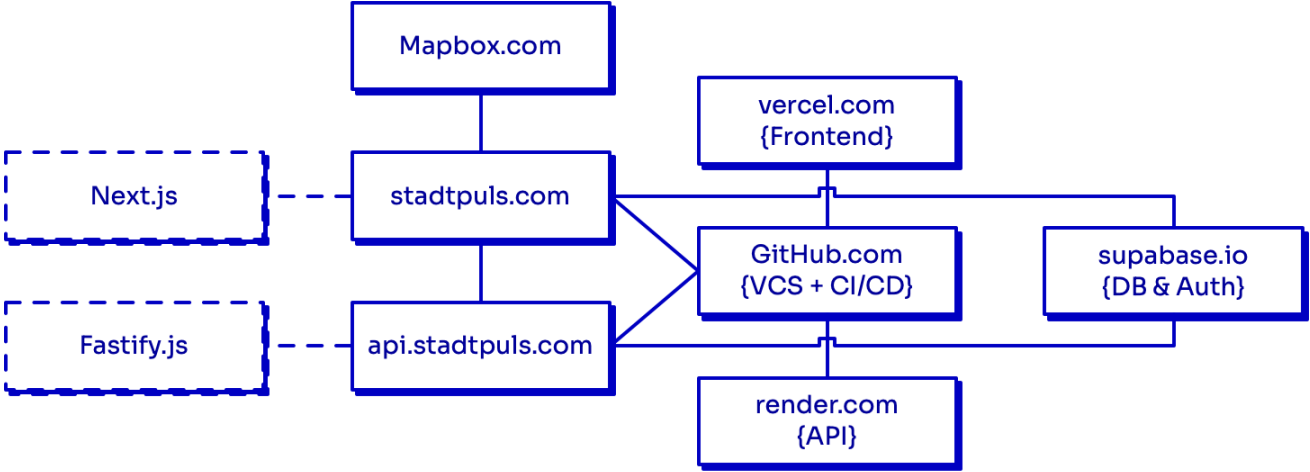
technologiestiftung.github.io/stadtpuls-behind-the-curtain

Stadtpuls Tech Stack

[api.]stadtpuls.com
Tech-Stack

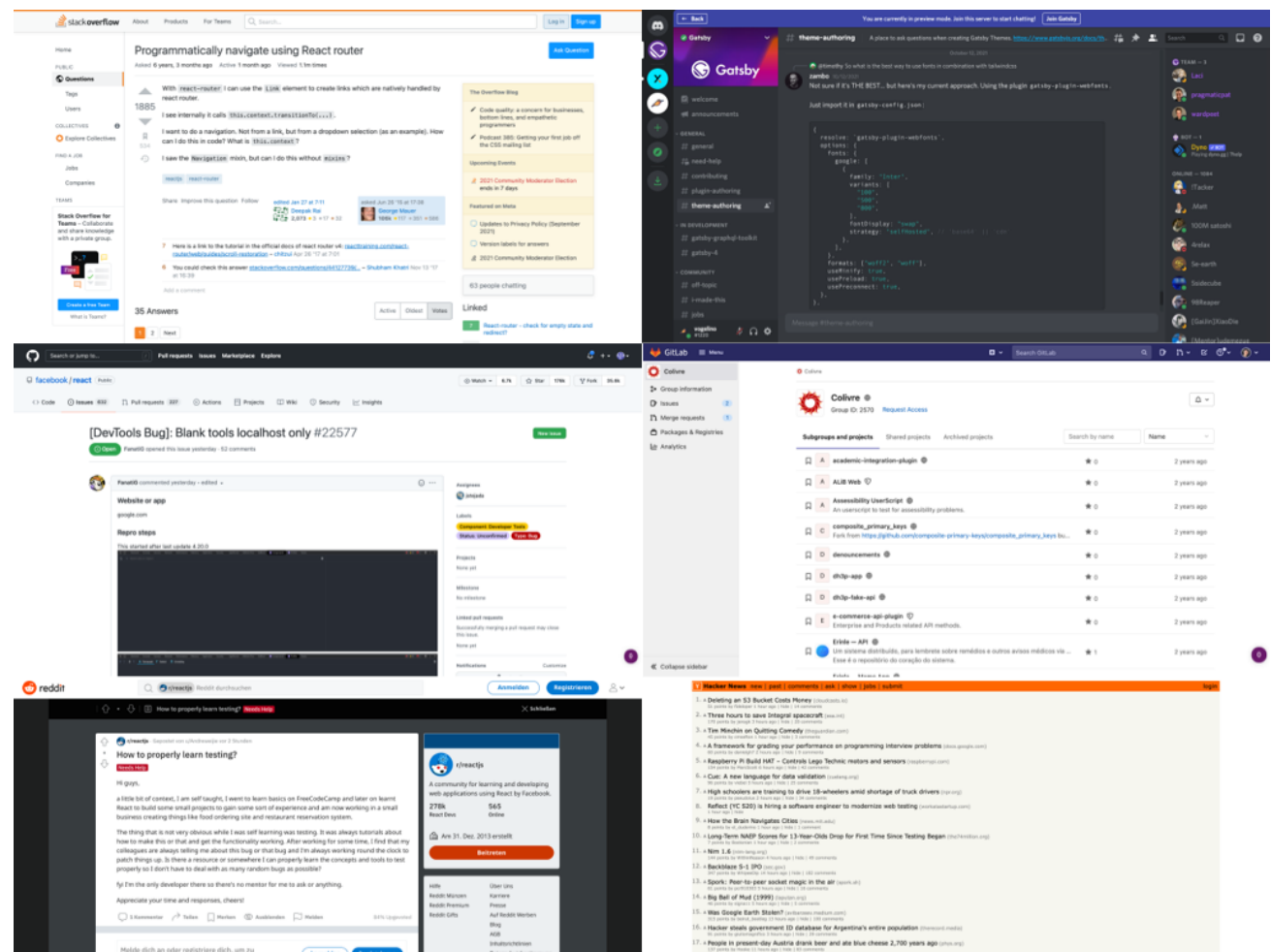


[api.]stadtpuls.com
Tech-Stack

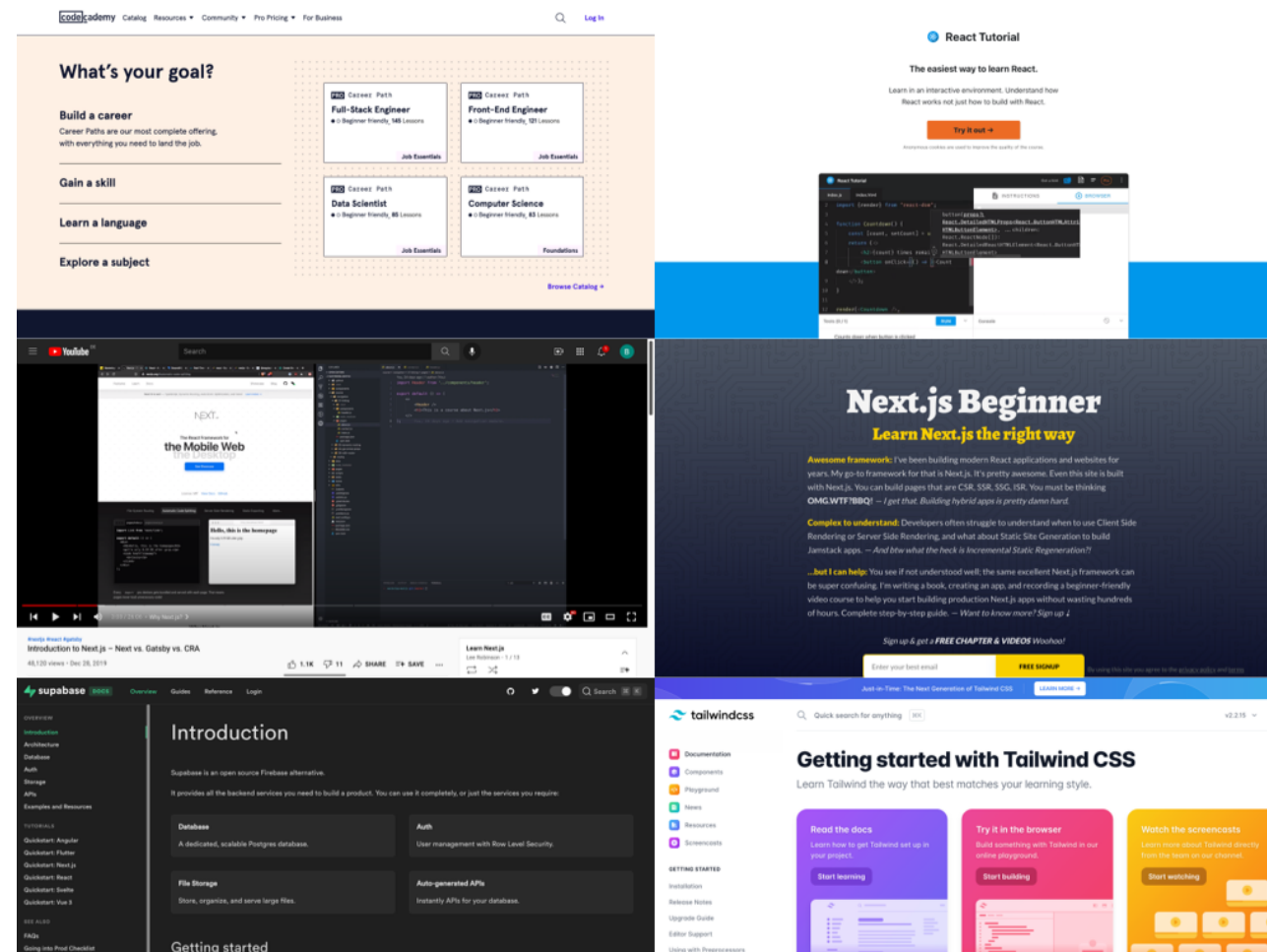


**Worauf Wir Achten, Wenn Wir
Technologien Auswählen**

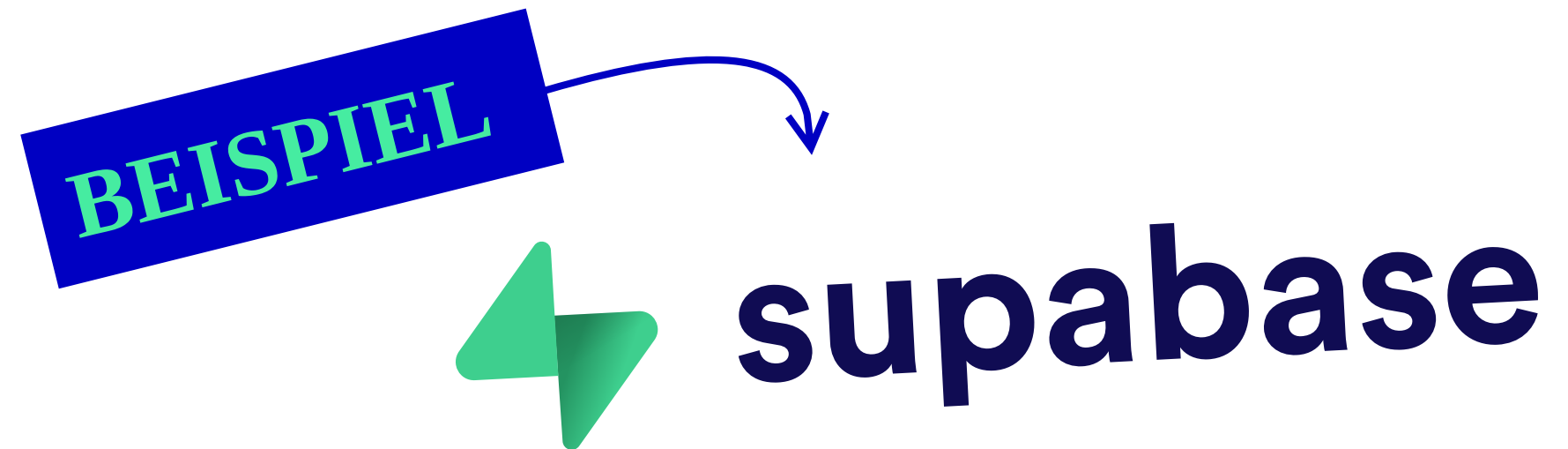
Große Communities



Viele Ressourcen

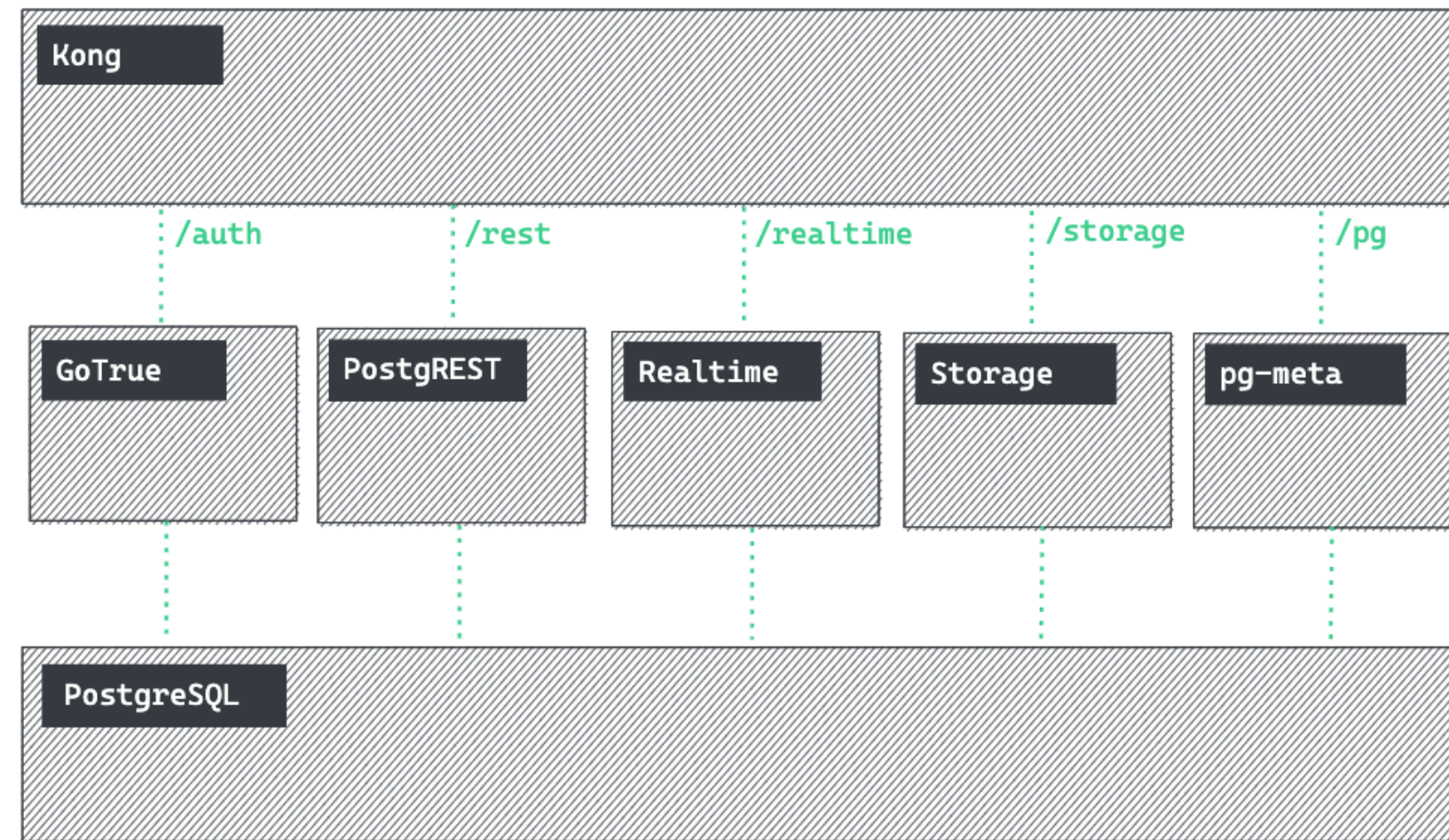


Open Source/Core



Backend As A Service Startup

Supabase is an open source Firebase alternative.



Dokumentation

JavaScript...

```
export const SigninButton= (props) => {  
  return <><button onClick={  
    (e) => {  
      e.preventDefault();  
      console.log(props.email, props.password);  
    }}/></>  
}
```

...Versus Typescript

```
interface SigninProps {  
  email: string;  
  password: string;  
}  
export const SigninButton: React.FC<SigninProps> = ({  
  email, password  
}) => {  
  return <><button onClick={(  
    (e: React.ChangeEvent<any>) => {  
      e.preventDefault();  
      console.log(email, password);  
    }  
  )}/></>  
}
```

Fastify JSON Schemas



JSON Schema

POST <http://example.com/api/cats>

```
{
  "$id": "https://example.com/api/cats.schema.json",
  "title": "cats",
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "name": {
      "type": "string",
      "description": "The cat's name."
    },
    "mood": {
      "description": "The mood the cat is in.",
      "enum": ["grumpy", "happy", "purrrr!"]
    }
  },
  "required": ["mood"]
}
```

Request 201

```
POST /api/cats HTTP/1.1  
Host: example.com  
Content-Type: application/json
```

```
{"mood": "purrrr!"}
```

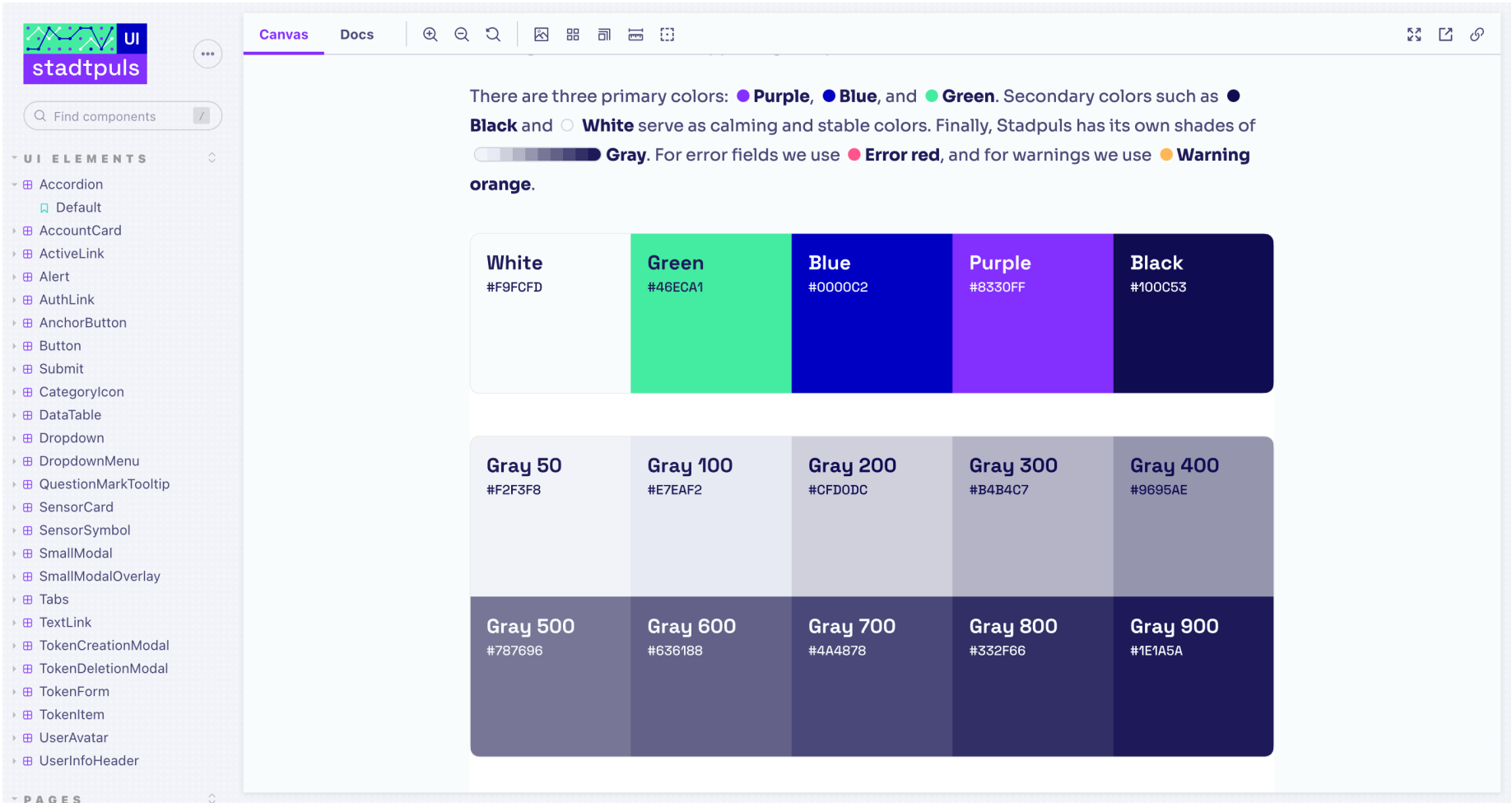
Request 400

```
POST /api/cats HTTP/1.1
Host: example.com
Content-Type: application/json
```

```
{"mood": "purrrr!", "saz": "I hate Mondays!"}
```

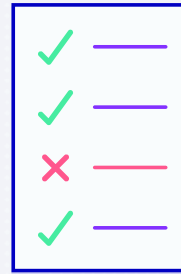
```
{
  "statusCode": 400,
  "error": "Bad Request",
  "message": "body should NOT have additional properties"
}
```

Storybook



Qualitätssicherung

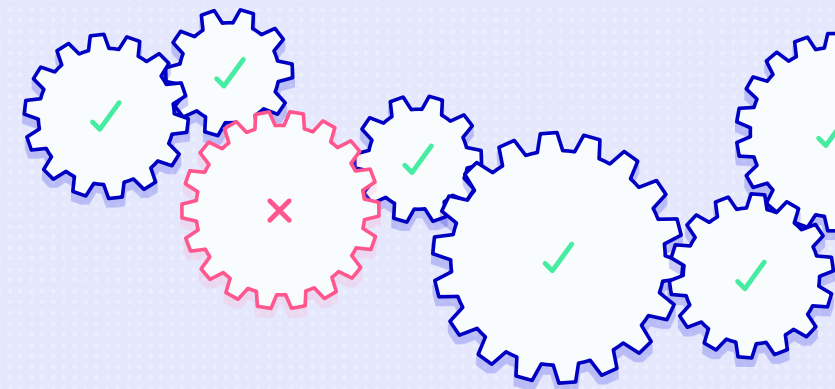
Unit
Tests



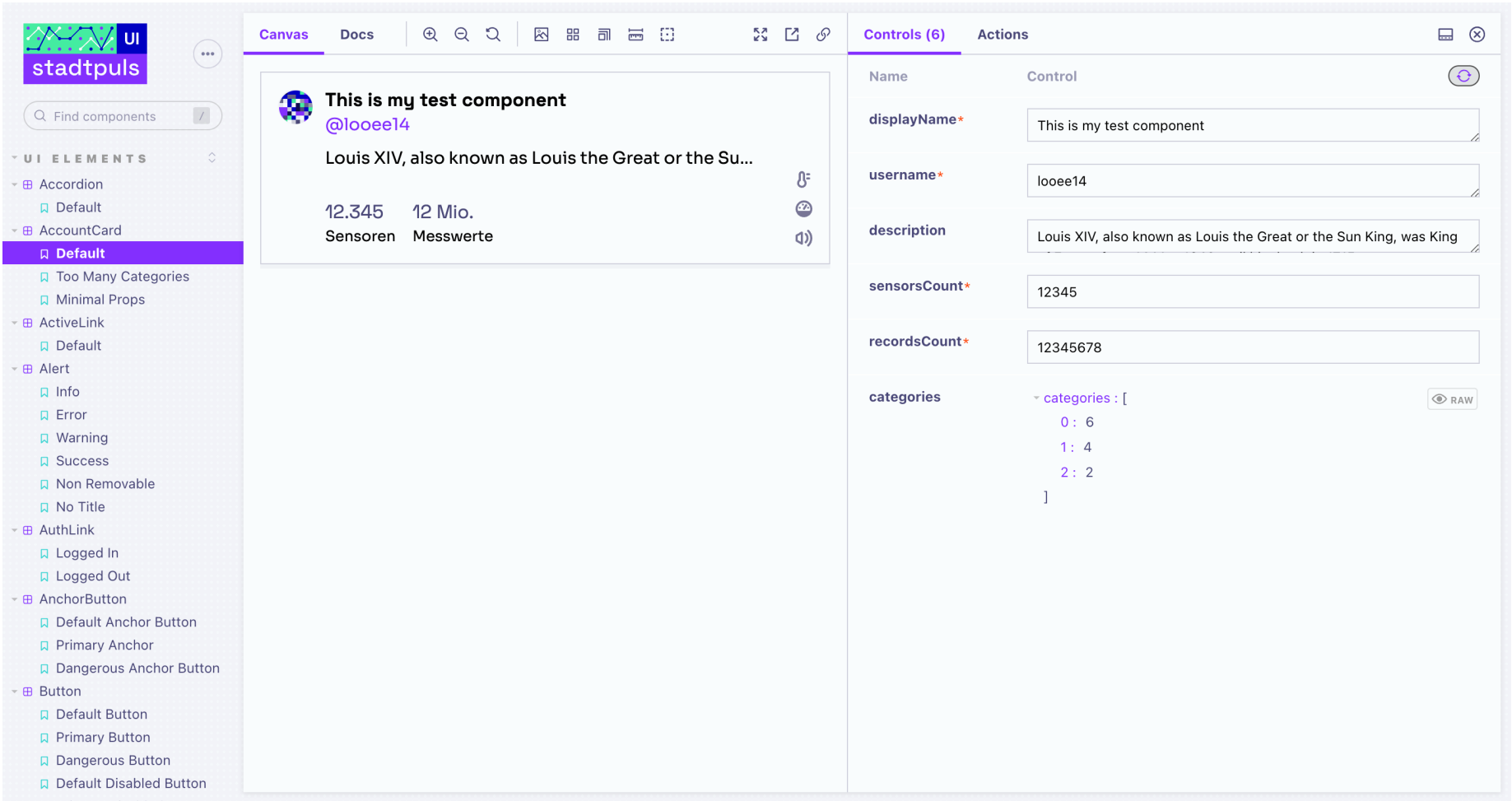
Snapshot
Tests



Integration
Tests



Storybook



Storybook (Snapshot Testing)

```
FAIL src/Storyshots.test.js
  • Storyshots > Button > with text

    expect(value).toMatchSnapshot()

    Received value does not match stored snapshot 1.

    - Snapshot
    + Received

    @@ -9,7 +9,7 @@
      "fontSize": 15,
      "margin": 10,
      "padding": "3px 10px",
    }
  }>
  - Hello Button
  + Hello Button 23
  </button>

    at Object.<anonymous> (node_modules/@kadira/storyshots/dist/index.js:88:30)
    at process._tickCallback (internal/process/next_tick.js:103:7)

PASS src/App.test.js

Snapshot Summary
  > 1 snapshot test failed in 1 test suite. Inspect your code changes or press `u` to update them.

Test Suites: 1 failed, 1 passed, 2 total
Tests:       1 failed, 3 passed, 4 total
Snapshots:  1 failed, 2 passed, 3 total
Time:        0.361s, estimated 1s
Ran all test suites.
```

Code Reviews

Merged

feat(STADTPULS-355): user tokens page #131

33 / 47 files viewed

Review changes

pages/accounts/[username]/tokens.tsx

Changed since last view

Viewed

47

message={

48

49

Du kannst hier nur deine Tokens sehen wenn du eingeloggt bist

50

- <TextLink href='/login'>Einloggen</TextLink>

51

52

}

53

/>

54

</div>

55

)}

74

message={

75

76

Du kannst hier nur deine Tokens sehen wenn du eingeloggt bist

77

+ <TextLink href='/signin'>Einloggen</TextLink>

78

79

}

80

/>

81

</div>

82

)}

83

+ {isOwnerAndLoggedIn && (

84

+ <div className='container max-w-8xl mx-auto px-4 py-16'>

85

+ {error && (

86

+ <div className='mb-8'>

87

+ <Alert

This conversation was marked as resolved by dnsos

Hide conversation

vogelino

21 days ago

Member

Great thx! 🙌

👍

1

Reply...

Unresolve conversation

88

+ title='Fehler:'

89

+ message={

90

+ <

91

+ Ein unerwarteter Fehler ist aufgetreten.

92

+ <code className='mL-4 px-2 py-1 font-mono bg-error bg-opacity-20'>

93

+ {error}

94

+ </code>

95

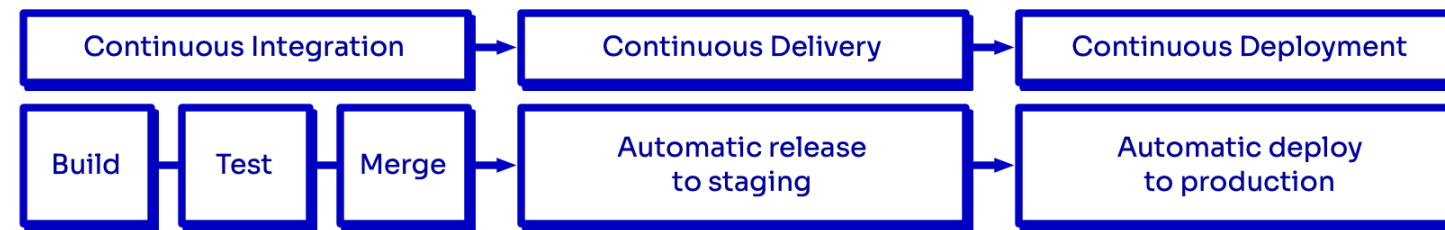
+ </>

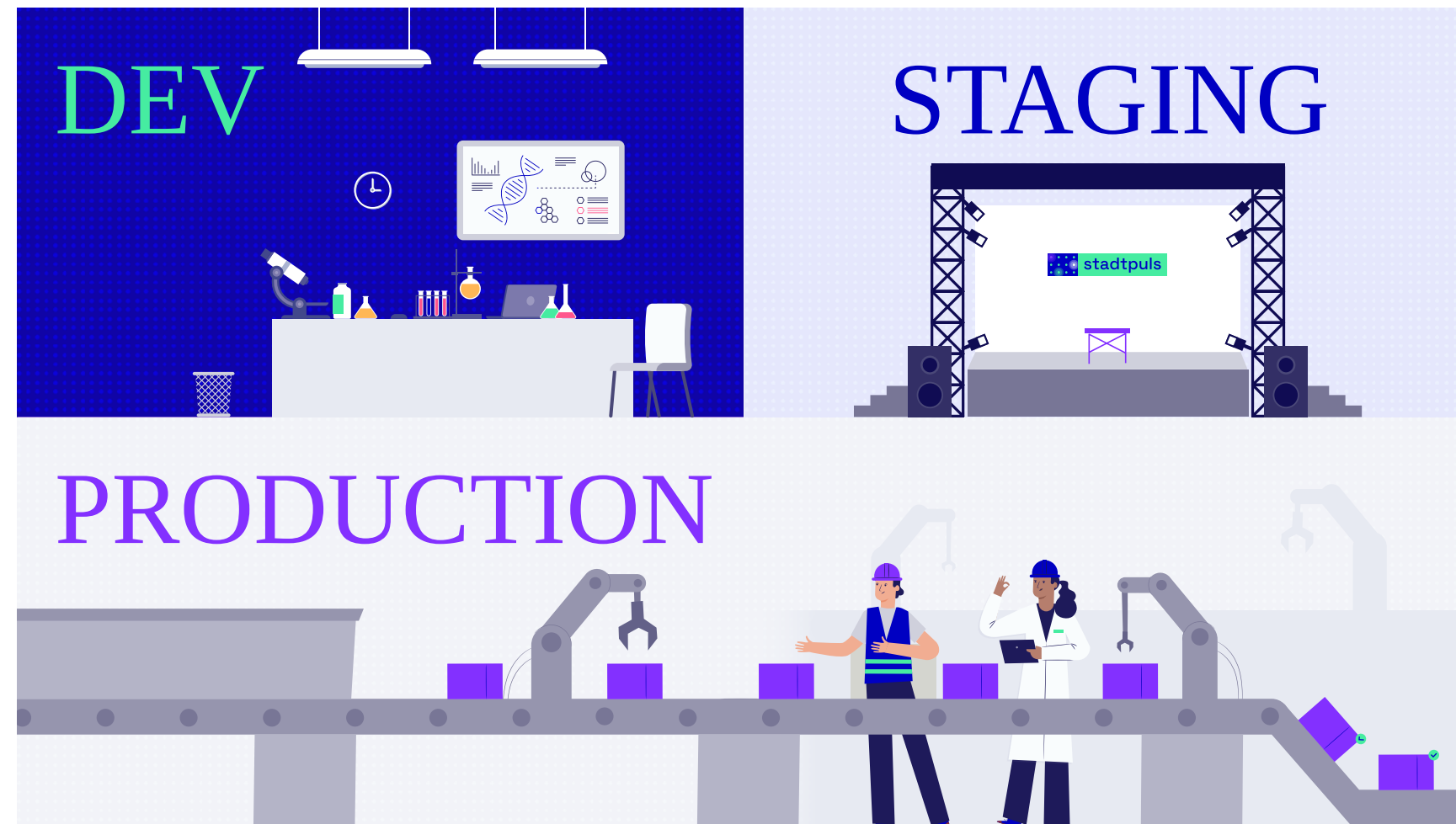
96

+ }

Github Actions

- CI (Continuous Integration)
- CD (Continuous Delivery)
- CD (Continuous Deployment)





Music vector created by freepik, Process vector created by stories, and Technology vector created by freepik – www.freepik.com

Q & A

Danke

für Ihre Aufmerksamkeit