AUTOMATING STYLE GUIDE DOCUMENTATION

zalando

FERIT TOPCU

@Fokusman

@Fokusferit

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ZALANDO

- Europe’s leading online fashion platform founded 2008 in Berlin

>14K	15
Employees	Markets
~2000	>250K
Tech	Items

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WHY A STYLE GUIDE?

THE SAME LOOK AND FEEL

DON’T REPEAT YOURSELF

MOVE FAST

HOW TO CONTRIBUTE?

EASY TO MAINTAIN

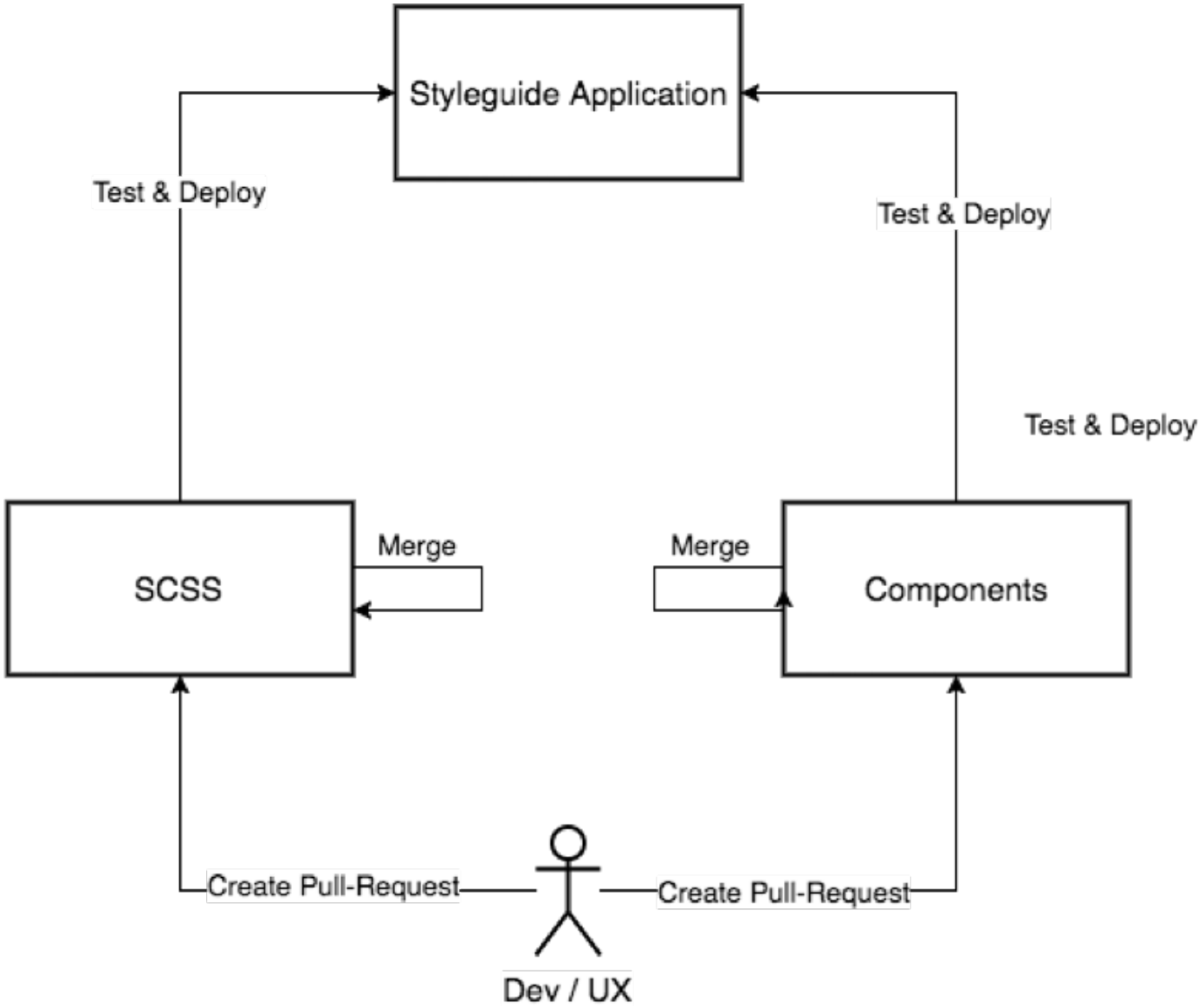
EASY TO CONTRIBUTE

EASY TO CUSTOMIZE

MARKDOWN


SOLUTION

WORKFLOW



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TECHNICAL DETAILS (SCSS REPOSITORY)

```
"stylelint": {
  "extends": "stylelint-config-sass-guidelines",
  "plugins": [
    "stylelint-scss"
  ],
  "rules": {
    "max-nesting-depth": 2,
    "order/properties-alphabetical-order": null,
    "selector-no-qualifying-type": [
      true,
      {
        "ignore": [
          "attribute",
          "class"
        ]
      }
    ]
  }
}
}
```

```
const gulp = require('gulp');
const sass = require('gulp-sass');
const gulpStylelint = require('gulp-stylelint');

gulp.task('lint-sass', function() {
  return gulp.src(['./*.scss', './*/*.scss', '!./utils/*.scss'])
  .pipe(gulpStylelint({
    reporters: [
      {formatter: stylelintFormatter, console: true, fix: true}
    ]
  }));
});

// This is only used to validate the code is able to compile
gulp.task('sass', () =>
  gulp.src('./index.scss')
    .pipe(sass().on('error', sass.logError))
);

gulp.task('default', () => gulp.parallel('sass', 'lint-sass'));
```

TECHNICAL DETAILS (COMPONENTS)

```
import {React, Component, PropTypes} from '../imports';
import {CookieStorage} from './storage/cookie-storage';
import {LocalStorage} from './storage/local-storage';
import {Authorization} from './authorization';
import {WSDropdown} from '../ws-dropdown/ws-dropdown';

/**
 * This component renders a generic header which provides authentication and language management
 *
 * Optionally call WSHeader.setStorageType('cookie', 'zalando') If you want a to use cookies instead o
 * to persist the tokens. You can call WSHeader.getAccessToken().then(token => ...) to get the current
 * It will resolve null when no access token is present and therefore the user isn't logged in.
 * @property {Object} props React properties object
 * @property {string} props.loginUrl property used to set the application login url
 * @property {string} props.businessPartnerId property used to set the application businessPartnerId
 * @property {string} props.clientId property used to set the application yourturn clientId
 * @property {Array<Object>} props.links property used to set the list of links with multiple levels
 * @property {string} props.appName property used to set the application name
 * @property {string} props.appLogo property used to set the application image logo
 * @property {string} props.rootUrl property used to set the root application url
 * @property {Boolean} props.showLocale Flag used to show the locale dropdown
 * @property {Boolean} props.showAuthorization Flag to show the login area
 * @property {Function} props.onLocaleChange Function used to propagate data
 * @property {Function} props.onAuthChange Function used to propagate data
 */
export class WSHeader extends Component {
```

- Frontend Stack:
  - Webpack, Gulp
  - Babel
  - React
- Testing strategy:
  - React
  - Preact
  - Karma & Jasmine
- Documentation:
  - JSDocs
  - documentationjs

GENERATING COMPONENT DOCUMENTATION

```
/**
 * This component is rendering post mail adresses
 * @property {Object} address Address.property
 * @property {String} address.name Name of person / company
 * @property {String} address.street name of street to send with number
 * @property {Number} address.zip zip code
 * @property {String} address.city name of city
 *
 * @example
 *   render() {
 *     var testAddress = {
 *       name: 'Ferit Topcu',
 *       street: 'BerlinerStr.11',
 *       city: 'Berlin',
 *       zip: 10111
 *     };
 *     return (<AdressLine address={testAddress} />)
 *   }
 *
 */
export class AddressLine extends Component {

  /**
```

GENERATING COMPONENT DOCUMENTATION

```
/**
 * This component is rendering post mail adresses
 * @property {Object} address Address.property
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 *     return (<AdressLine address={testAddress} />)
 *   }
 *
 */
export class AddressLine extends Component {

  /**
```

Parameters

- props

Properties

- address Object Address.property
  - address.name String Name of person / company
  - address.street String name of street to send with number
  - address.zip Number zip code
  - address.city String name of city

Examples

```
render() {
  var testAddress = {
   name: 'Ferit Topcu',
   street: 'BerlinerStr.11',
   city: 'Berlin',
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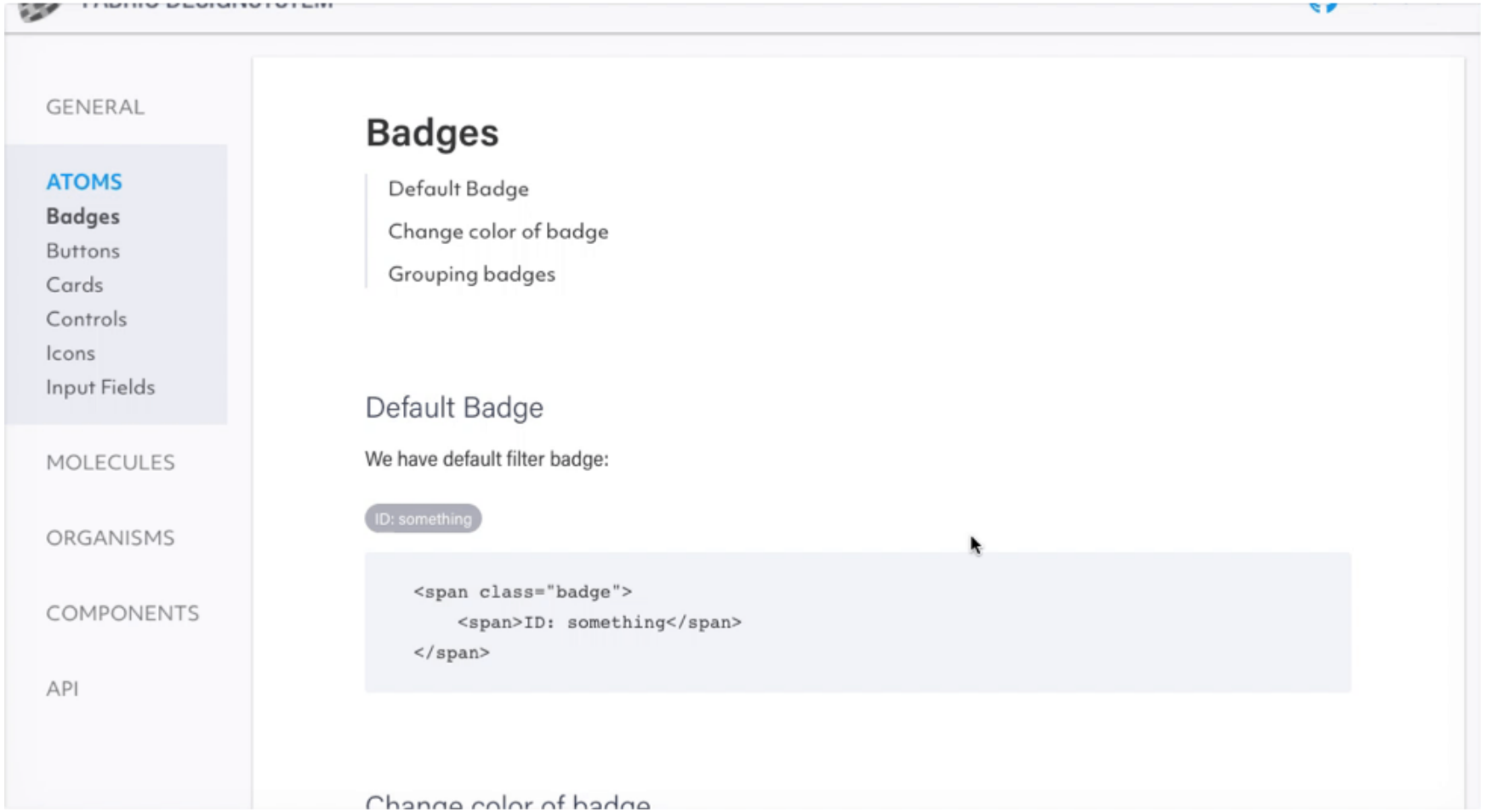
AUTOMATED COMPONENT DOCUMENTATION



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CONCLUSION

DOCUMENTATION AS IMPORTANT AS CODE

KEEP ENTRY LEVEL LOW

USE DOCUMENTATIONJS

JAMSTACK IS A GREAT APPROACH

https://github.com/fokusferit/documentationjs-demo-project

https://github.com/documentationjs/documentation

https://fabric-design.github.io/styleguide/


THANK YOU