

# building a component framework



@bartwaardenburg



the casus

Routeplanner van de ANWB | F X

Bart

ANWB BV [NL] | https://www.anwb.nl/verkeer/routeplanner

anwb

171 km file Routeplanner Winkels Contact & service Mijn ANWB

Wegenwacht Verzekeringen Verkeer Auto Vrije tijd Vakantie Webwinkel Lidmaatschap Zoek

ANWB.nl > Verkeer

## Routeplanner

 **Verkeerswaarschuwing**

In het noordwesten, midden en zuiden van het land komen mistbanken voor.

Van: adres, postcode en/of plaats

Naar: adres, postcode en/of plaats

+Via

Auto route Snelste

Vertrek Nu

Route op basis van actueel verkeer

Plan route

Zoek naar een locatie →

Bekijk op de kaart

Verkeersinformatie →

Parkeren →

Laadpalen →

Tankstations →

Treinstations →

Hotels & Campings →

Geef je mening

Elektrische fietsen vergelijken X Bart

ANWB BV [NL] | https://www.anwb.nl/fietsen/elektrische-fietsen/vergelijken-en-kopen

**anwb**

Wegenwacht Verzekeringen Verkeer Auto Vrije tijd Vakantie Webwinkel Lidmaatschap Zoek

ANWB.nl > Vrije tijd

## ANWB Fiets Select

Rij-impressie e-bikes ANWB, vergelijken, keuzehulp, advies

Ik gebruik de fiets voor

- Kindervervoer
- Korte afstanden
- Lifestyle/gemak
- Recreatief gebruik
- School

Toon meer

Vul een trefwoord in

Zoek

399 Resultaten

Sorteer op: Best beoordeeld

Topsnelheid

- 0 - 25 km per uur
- 26 - 35 km per uur
- 36 km per uur of hoger

Merk

- A2B
- Amslod
- Bagier
- Batavus
- Bikkel

Toon meer

Geef je mening



**8.5**

**Prophete Navigator eSport 2017** →  
Dames- en herenmodel

Vooral voor: Recreatief gebruik  
Adviesprijs: € 2199,95



**8.4**

**Qwic Premium MN8 2017** →  
Dames- en herenmodel

Vooral voor: Recreatief gebruik  
Adviesprijs: € 2599,-



**8.4**

**Klever X Commuter 2017** →  
Herenmodel

Vooral voor: Woon-werk  
Adviesprijs: € 3599,-

0 Producten vergelijken

Vergelijk

Vakantie boeken | Hoe langer lid

ANWB BV [NL] | https://www.anwb.nl/vakantie/boeken/zoek#main

Bart

192 km file Routeplanner Winkels Contact & service Mijn ANWB

anwb

Wegenwacht Verzekeringen Verkeer Auto Vrije tijd **Vakantie** Webwinkel Lidmaatschap Zoek

ANWB.nl > Vakantie

## ANWB Ledenreizen

Hoe langer lid, hoe meer voordeel

Toon filters

Vakantiesoort

- Autovakantie (59)
- Camperreis (5)
- Cruise (11)
- Fietsvakantie (10)
- Fly drive (6)

Meer tonen

Gebied

- Afrika (4)
- Antarctica (2)
- Azië (9)
- Caraïbisch gebied (4)
- Europa (96)

Meer tonen

Land

- Antarctica (2)
- Australië (2)
- België (4)
- Bonaire (1)
- Canada (3)

Meer tonen

Zoek reizen op trefwoord

Zoek

Geselecteerde filters

Reizen

 Vanaf 72,50 p.p.

**Weekend of midweek Vakantiepark Beekse Bergen →**

Het echte Afrikaanse vakantiegevoel beleef je in Vakantiepark Beekse Bergen! Op het park, omgeven door bos en water, geniet je van wat jij het liefst doet. Prikkel je zintuigen tijdens de indrukwekkende safari's door de Beekse Bergen en bewonder de dieren tijdens een avontuur met je eigen auto, een spannende rit in de safaribus of een ontspannen boottocht.

TROUWE LIEDEN VOORDEEL

Swim icon

P Park icon

Fishing icon

People icon

Walking people icon

Autovakantie Eigen vervoer Europa Bekijk en boek

 Vanaf 89,-

**3 dagen Rotterdam - Hoe langer lid hoe meer voordeel →**

Dank je wel dat je lid bent. Daarom speciaal voor jou een arrangement in

Geef je mening

Homepage - KnooppuntenPlan X Bart

← → C ANWB BV [NL] | https://www.anwb.nl/fietsen/fietsknooppuntenplanner#!/map

## Fietsknooppuntenplanner

Met de fietsknooppuntenplanner stel je zelf je ideale route samen. Dit doe je door zogenaamde knooppunten aan te vinken op de kaart. Hiermee 'knoop' je je eigen route aan elkaar. Een knooppunt is een plek, waar twee of meer fietspaden elkaar kruisen. Ieder knooppunt heeft zijn eigen nummer. De knooppunten vormen samen een netwerk van de mooiste fietspaden en autoluwe wegen van Nederland. Plan je knooppuntenroute hier.

De verbinding tussen twee knooppunten is bewegwijzerd met bordjes met groene opdruk en voert in twee richtingen. Op de knooppunten zelf staat vaak een informatiebord met kaart van het gebied met daarop alle knooppunten. Bordjes geven aan wat de richting naar de aansluitende knooppunten is: linksaf naar nummer 29, rechtdoor naar 15, rechtsaf naar 31. Dus: alles wat je nodig hebt voor een mooie fietstocht is slechts een briefje in je zak met een reeks nummers van knooppunten.

### Waar wil je fietsen?

Zoek op plaatsnaam of adres

**Startpunt**  
Postweg

01 6.7 km  
65 1.8 km  
01 1.8 km  
75 402 m

Totale afstand: 10.8 km  
[Wis de gehele route](#)

[Printen](#)

Open grote kaart

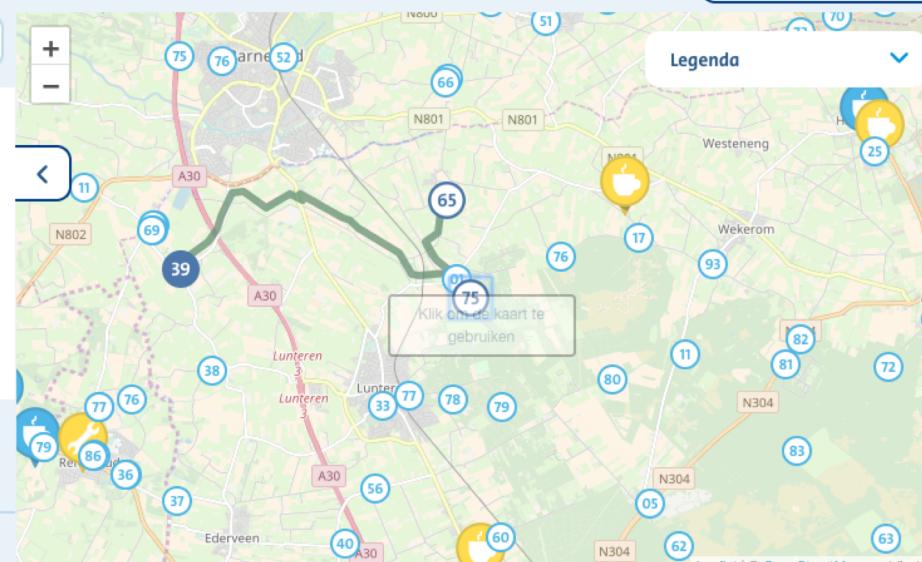
Klik op de kaart te gebruiken

Legenda

Geef je mening

**Zie ook**

- [Uitleg over knooppunten](#)
- [Zoek kant en klare ANWB-fietsroutes](#)
- [Snel van A naar B met de routeplanner](#)
- [Download de Fiets app](#)
- [Terug naar Fietsoverzicht](#)



Mijn Ledenvoordeel

ANWB BV [NL] | https://www.anwb.nl/mijn-anwb/mijn-ledenvoordeel

192 km file Routeplanner Winkels Contact & service Mijn ANWB

Wegenwacht Verzekeringen Verkeer Auto Vrije tijd Vakantie Webwinkel Lidmaatschap Zoek

ANWB.nl > Mijn ANWB

# Mijn Ledenvoordeel

Het ANWB-lidmaatschap biedt u veel voordelen op het gebied van mobiliteit, vakantie en vrije tijd. Hieronder ziet u het door u genoten financieel Ledenvoordeel, de Trouwe-Ledenvoordelen op basis van de duur van uw lidmaatschap en de overige voordelen van het ANWB-lidmaatschap.

## Mijn genoten financieel Ledenvoordeel

U ziet het voordeel in euro's dat u als ANWB-lid genoten heeft, omdat u korting heeft ontvangen op producten of diensten. De gegevens worden één keer per maand bijgewerkt.

Totaal in 2018
Bedrag 0,00 ⓘ Toon details
Overzicht

✓ Totaal in 2017
Bedrag 10,09 ⓘ Toon details
Overzicht

✓ Totaal in 2016
Bedrag 10,00 ⓘ Toon details
Overzicht

[Bekijk alle ledenvoordelen →](#)

## Trouwe-Ledenvoordeel

## Mijn ANWB

[Mijn gegevens →](#)

[Mijn producten en diensten →](#)

[Mijn facturen →](#)

[Mijn correspondentie →](#)

[Mijn Ledenvoordeel →](#)

## Vraag het Iris

Hallo, ik ben Iris de virtuele medewerker van ANWB. Stel je vraag kort en bondig.

[Stel je vraag](#)

[Bekijk het antwoord](#)

[Waar kan ik mijn ledenvoordeel bekijken?](#)

[Kan ik als jongere korting krijgen op de ANWB?](#)

Geef je mening

Files, flitsers, wegwerkzaamheden X Bart

ANWB BV [NL] | https://www.anwb.nl/verkeer

**anwb**

Wegenwacht Verzekeringen **Verkeer** Auto Vrije tijd Vakantie Webwinkel Lidmaatschap

ANWB.nl

## Verkeersinformatie: files, flitsers, wegwerkzaamheden

**Verkeerswaarschuwing**

In het noordwesten, midden en zuiden van het land komen mistbanken voor.

**NL** **46 files 185 kilometer**

Kies regio of plaats

**Nederland**

Lijst | Twitter

A1	3	14 km
A2	4	21 km
A4	<b>Den Haag → Amsterdam</b>	7 km
A12	5	25 km
A15	2	7 km
A16	<b>Breda → Rotterdam</b>	14 km

Dichte mist hindert het verkeer  
Vandaag om 06:52 uur

Radiobericht

Laatst bijgewerkt: vandaag om 08:03

Geef je mening

Wegenwacht Service bestellen

ANWB BV [NL] | https://www.anwb.nl/wegenwacht/auto/bestellen?dekking=nl&pakket=standaard&actieid=actie#/!

187 km file Routeplanner Winkels Contact & service Mijn ANWB

anwb

Wegenwacht Verzekeringen Verkeer Auto Vrije tijd Vakantie Webwinkel Lidmaatschap Zoek

ANWB.nl > Wegenwacht > Auto

## Word lid met Wegenwacht® Service

Je hebt gekozen voor **Wegenwacht Nederland Standaard** met een looptijd van 14-03-2018 t/m 13-03-2019, daarna per maand opzegbaar.

Ben je al lid van ANWB? [Log in om je pakket te wijzigen.](#)

### Contactgegevens

Aanhef

Dhr.  Mevr.

Naam

Voorletters Tussenv.

Achternaam

Adres

Postcode

Huisnr. Toev.

Straatnaam

Plaats

Telefoonnummer

...

E-mailadres

### Overzicht bestelling

**Wegenwacht Nederland Standaard € 98,00**

- ✓ Inclusief ANWB-lidmaatschap
- ✓ Advies bij twijfel
- ✓ Pechhulp Nederland
- ✓ Pechhulp in woonplaats
- ✓ Vervangend Vervoer Service

Nu met 20% korting - € 19,60

[Actievoorwaarden](#)

**Totaal eerste jaar € 78,40**

Omgerekend per maand € 8,17  
Totaal na eerste jaar € 98,00

Geef je mening

“How can we work together on ~200 front-end applications with ~30 developers spread out over ~15 scrum teams?”

“We want developers to have as much *autonomy* as possible while maintaining a certain amount of *alignment*.”

# the situation

“Every team builds their own applications  
based on their own *front-end* tech stack”

# ui-related libraries in use

**react@16.x.x**

angular@1.5.x

preact@x.x.x

react@15.x.x

angular@1.6.x

angular@4.x.x

home-grown@x.x.x

jQuery@x.x.x

moustache@x.x.x

the vision

**“No two developers should have to build  
the same user interface component  
twice.”**

# ecosystem wishes

single framework

well documented style guide

developer friendly

designer friendly

automated unit testing

automated regression testing

individually versioned components

**“We need consolidation in frameworks  
to effectively work together”**

# framework wishes

focused on components

high performance

small size

pleasant learning curve

available in-house knowledge

large community

stable

server side rendering possible

in practice

# preact

just user interface components

only ~3kb in size

if you know *react* you know preact

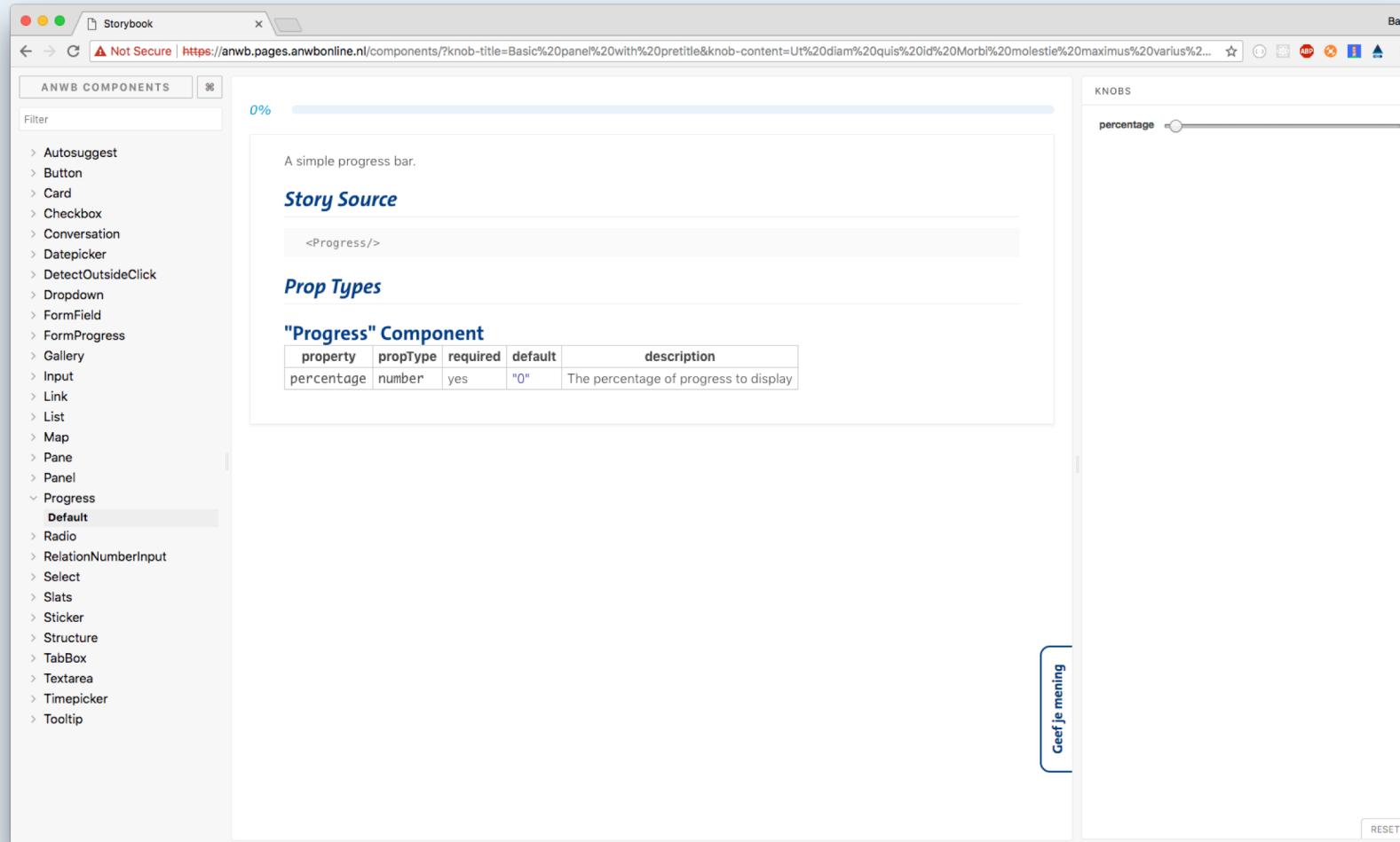
great templating with JSX

possibility to use *react* components

high performance in benchmarks

server side rendering possible

# well documented style guide



# developer friendly

The screenshot shows a developer-friendly component documentation page for a 'RelationNumberInput' component. The page is structured as follows:

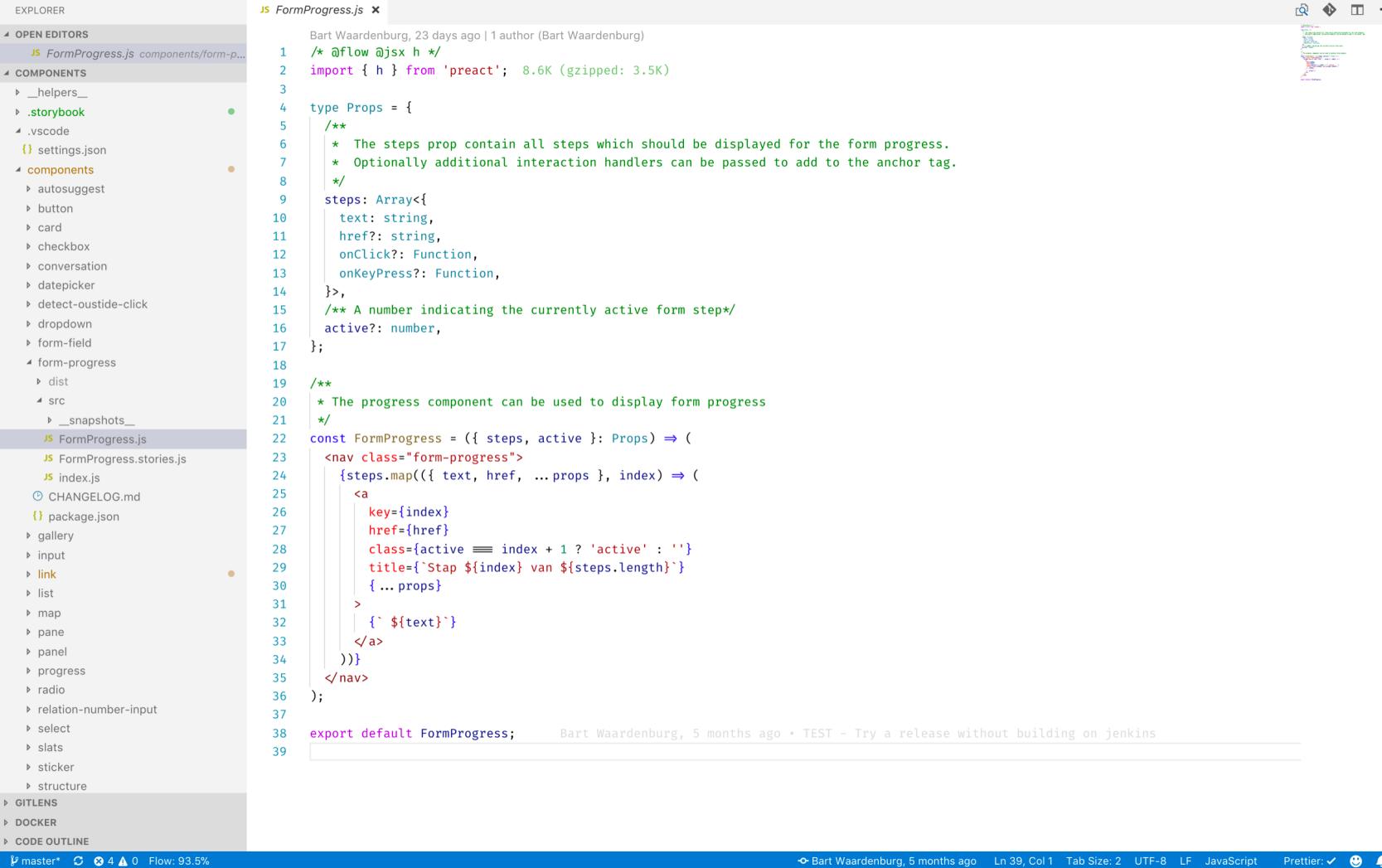
- Left Sidebar:** A navigation tree titled "ANWB COMPONENTS" showing various components like Autosuggest, Button, Card, Checkbox, etc., with "RelationNumberInput" expanded.
- Component Preview:** A form field labeled "Lidmaatschapsnummer" containing "Bijv. 123 456 789". Below it, a note says "Het nummer bestaat uit 9 cijfers".
- Story Source:** The component's source code is displayed in a code editor:

```
<RelationNumberInput
  reference="relation-number-01"
  name="input"
  label={null}
  placeholder={null}
  sub={null}
  pattern="[0-9]"
  required
  disabled={false}
  getRelationNumber={getRelationNumber()}
/>
```
- Prop Types:** A table describing the properties of the "RelationNumberInput" component:

property	propType	required	default	description
reference	string	yes	-	A unique reference to the input element
name	string	yes	-	The name of the element
value	string   number	yes	-	The value for the element
placeholder	string	yes	"Bijv. 123 456 789"	The placeholder to render inside the input element
label	string	yes	"Lidmaatschapsnummer"	The text for the label of the element
errorMessage	string	-	"Vul een geldig lidmaatschapsnummer in"	The error message to display when an error occurs
successMessage	string	-	"Geldig lidmaatschapsnummer"	The success message to display when the input is valid

- Knobs Panel:** A sidebar titled "KNOBS" containing configuration options: label, placeholder, sub, required (checkbox checked), and disabled (checkbox unchecked).
- Feedback:** A blue button on the right says "Geef je mening" (Give your opinion).
- Reset:** A "RESET" button at the bottom right.

# developer friendly



The screenshot shows a developer's workspace with a clean and organized codebase. The Explorer sidebar on the left lists various components and files, including `FormProgress.js`, `FormProgress.stories.js`, and `CHANGELOG.md`. The main editor window displays the `FormProgress.js` file, which is well-documented with JSDoc comments and uses flow annotations. The code defines a `FormProgress` component that maps steps to anchor tags, with active steps highlighted. The code is annotated with copyright information and a note about building on Jenkins.

```
JS FormProgress.js x
Bart Waardenburg, 23 days ago | 1 author (Bart Waardenburg)
1 /* @flow */
2 import { h } from 'preact'; 8.6K (gzipped: 3.5K)
3
4 type Props = {
5 /**
6 * The steps prop contain all steps which should be displayed for the form progress.
7 * Optionally additional interaction handlers can be passed to add to the anchor tag.
8 */
9 steps: Array<{
10   text: string,
11   href?: string,
12   onClick?: Function,
13   onKeyPress?: Function,
14 }>,
15 /** A number indicating the currently active form step*/
16 active?: number,
17 };
18
19 /**
20 * The progress component can be used to display form progress
21 */
22 const FormProgress = ({ steps, active }: Props) => (
23   <nav class="form-progress">
24     {steps.map(({ text, href, ...props }, index) =>
25       <a
26         key={index}
27         href={href}
28         class={active === index + 1 ? 'active' : ''}
29         title={`Stap ${index} van ${steps.length}`}
30         {...props}
31       >
32         {` ${text}`}
33       </a>
34     )}
35   </nav>
36 );
37
38 export default FormProgress;    Bart Waardenburg, 5 months ago • TEST - Try a release without building on jenkins
39
```

master\* 4 ▲ 0 Flow: 93.5% • Bart Waardenburg, 5 months ago Ln 39, Col 1 Tab Size: 2 UTF-8 LF JavaScript Prettier: ✓

# developer friendly

The screenshot shows a developer's workspace in an IDE. On the left, the Explorer sidebar displays a file tree with various components and stories. The main editor window shows a JavaScript file named `FormProgress.stories.js`. The code is well-organized, using descriptive variable names and comments. It imports necessary modules and defines a story for a `FormProgress` component with four steps. The code is annotated with comments explaining its purpose and structure.

```
/* @flowjsx h */
import { h } from 'preact';
import { storiesOf } from '@storybook/react';
import { withInfo } from '@storybook/addon-info';
import { withKnobs, text, number } from '@storybook/addon-knobs';

import FormProgress from './FormProgress';

const stories = storiesOf('FormProgress', module);

stories.addDecorator(withKnobs);

stories.add(
  'Default',
  withInfo('A simple form progress component')(() => (
    <FormProgress
      steps={[
        {
          text: text('text step 1', 'Uw gegevens'),
          href: text('href step 1', '#'),
        },
        {
          text: text('text step 2', 'Uw account'),
          href: text('href step 2', '#'),
        },
        {
          text: text('text step 3', 'Controleer'),
          href: text('href step 3', undefined),
        },
        {
          text: text('text step 4', 'Bevestig'),
          href: text('href step 4', undefined),
        },
      ]}
      active={number('active', 3)}
    />
  ))
);
```

Bart Waardenburg, 23 days ago | 1 author (Bart Waardenburg)

Bart Waardenburg, 5 months ago • TEST - Try a release without building on jenkins

Flow: 48.3%    Prettier: ✓

# designer friendly

The screenshot shows a Storybook interface for a component library. On the left, a sidebar lists various components under 'ANWB COMPONENTS'. The 'Card' component is expanded, and its 'Highlighted' sub-component is selected. In the main content area, a card titled 'Highlighted card' contains the text 'Maecenas nibh ante adipiscing auctor quis turpis tortor elit Donec varius vel ex amet vel sit'. Below this, a descriptive paragraph states 'A highlighted card.' Underneath, there's a section titled 'Story Source' with the following code:

```
<Card  
  reference="card-01"  
  title="Highlighted card"  
  closed={false}  
  highlighted  
/>
```

Below the code, there's a section titled 'Prop Types' which includes tables for the 'Card' and 'CardContent' components.

**"Card" Component**

property	propType	required	default	description
children	any	-	-	All children will be passed right through to enable nesting elements in cards
reference	string	yes	-	All cards need a reference which will function as a unique id
title	string	yes	-	A card should have a title
closed	boolean	-	-	Boolean indicating whether the card should have the closed state on mobile
highlighted	boolean	-	-	A card can optionally be highlighted
editable	boolean	-	-	Whether the component has an editable state
editableState	'edit'   'read'	-	-	Edit
class	string	-	-	Any additional classes to use

**"CardContent" Component**

property	propType	required	default	description
Content for the highlighted card.				

In the top right corner of the Storybook window, there is a 'KNOBS' panel. This panel shows the current configuration for the 'Highlighted card' component, with the 'highlighted' prop set to true. A blue callout bubble labeled 'Geef je mening' points to the 'highlighted' checkbox in the knobs panel.

# automated unit testing

```
PASS .storybook/storyshots.spec.js (6.244s)
```

```
Storyshots Integrity
✓ Abandoned Storyshots (2217ms)
```

```
Storyshots
```

```
Autosuggest
```

```
✓ Single (49ms)
✓ Grouped (14ms)
✓ Grouped With Maximum (15ms)
✓ Default Query (14ms)
✓ Custom Component (18ms)
```

```
Button/Default
```

```
✓ Default (7ms)
✓ Condensed (3ms)
✓ Internal (5ms)
✓ External (3ms)
✓ Document (2ms)
```

```
Button/Reversed
```

```
✓ Default (3ms)
✓ Condensed (3ms)
✓ Internal (4ms)
✓ External (2ms)
✓ Document (3ms)
```

```
Button/Primary
```

```
✓ Default (3ms)
✓ Condensed (2ms)
✓ Internal (2ms)
✓ External (3ms)
✓ Document (3ms)
```

```
Button/Decide
```

```
✓ Default (3ms)
✓ Condensed (2ms)
✓ Internal (3ms)
✓ External (3ms)
✓ Document (2ms)
```

```
Button/Link
```

```
✓ Default (2ms)
✓ Condensed (3ms)
✓ Internal (3ms)
✓ External (3ms)
✓ Document (3ms)
```

```
Button/Next
```

```
✓ Default (2ms)
```

```
Button/Previous
```

```
✓ Default (3ms)
```

```
Button/Link Previous
```

```
✓ Default (3ms)
```

```
Button/Anchor
```

```
✓ Default (2ms)
✓ Condensed (3ms)
✓ Internal (3ms)
✓ External (2ms)
✓ Document (3ms)
```

```
Card
```

```
✓ Basic (7ms)
✓ Closed (4ms)
```

# automated unit testing

```
PASS components/autosuggest/src/tests/Autosuggest.spec.js
FAIL .storybook/storyshots.spec.js (6.539s)
● Storyshots > Link > Sub

expect(value).toMatchSnapshot()

Received value does not match stored snapshot 1.

- Snapshot
+ Received

@@ -7,11 +7,11 @@
      href="#"
    >
      <span
        class="ANWB-link__label"
      >
        Link text
      + Link text Noooo this shouldn't have changed
      </span>
      <small
        class="ANWB-link__sub"
      >
        with a sub

44 |
45 |   // $FlowFixMe
46 |   expect(tree).toMatchSnapshot(snapshotFileName);
47 | };
48 |

  at .storybook/storyshots-utils.js:46:15
  at Object.<anonymous> (node_modules/@storybook/addon-storyshots/dist/index.js:128:20)

● Storyshots > Link > Pdf

expect(value).toMatchSnapshot()

Received value does not match stored snapshot 1.

- Snapshot
+ Received

@@ -7,11 +7,11 @@
      href="#.pdf"
    >
      <span
        class="ANWB-link__label"
      >
        Link text
      + Link text Noooo this shouldn't have changed
      </span>
      <small
        class="ANWB-link__sub"
      >
```

# automated regression testing

```
~/Sites/ANWB/components — ..WB/components          ~/Sites/ANWB/components — yarn
+-----+
Structure
✓ Content (2642ms)
✓ Asymmetric (2622ms)
✓ Pulled (2672ms)
✓ Full (2516ms)
✓ Split (2745ms)
✓ Centered (2706ms)
✓ Wrapped (2695ms)
✓ Overview (2825ms)
✓ Stacked (2841ms)
✓ Balanced (2606ms)
✓ Title (2588ms)
✓ NoMargin (2582ms)
TabBox
✓ Default (2685ms)
✓ Accordion (2702ms)
✓ Attention (2481ms)
✓ Pills (2655ms)
✓ Side (2693ms)
✓ Steps (2691ms)
✓ Slats (2582ms)
✓ Multiple (2544ms)
✓ Panels (2625ms)
Textarea
✓ Default (2477ms)
Timepicker
✓ Default (2800ms)
✓ Custom Interval (2650ms)
✓ Custom Start Time (2637ms)
✓ Custom End Time (2605ms)
✓ Custom Times (2540ms)
Tooltip
✓ Default (2840ms)

● Image Storyshots > Map > Size
Expected image to match or be a close match to snapshot but was 0.1710416666666668% different from snapshot (821 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-size-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23

● Image Storyshots > Map > TileLayer
Expected image to match or be a close match to snapshot but was 0.8387500000000001% different from snapshot (4026 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-tile-layer-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23

● Image Storyshots > Map > Dynamic Markers
Expected image to match or be a close match to snapshot but was 0.1710416666666668% different from snapshot (821 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-dynamic-markers-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23
```

# automated regression testing

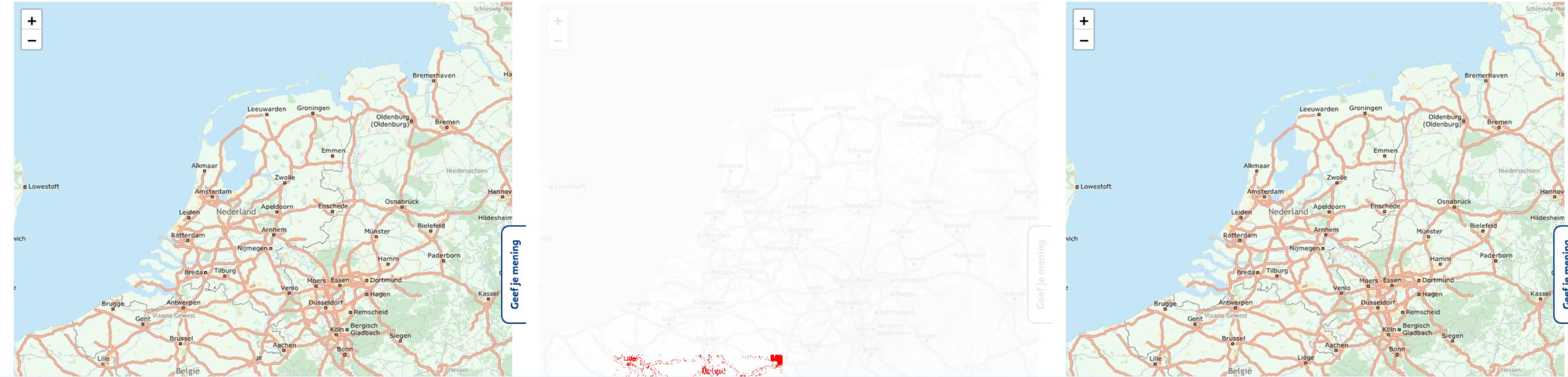
```
~/Sites/ANWB/components — ..WB/components          ~/Sites/ANWB/components — yarn
+-----+
Structure
✓ Content (2642ms)
✓ Asymmetric (2622ms)
✓ Pulled (2672ms)
✓ Full (2516ms)
✓ Split (2745ms)
✓ Centered (2706ms)
✓ Wrapped (2695ms)
✓ Overview (2825ms)
✓ Stacked (2841ms)
✓ Balanced (2606ms)
✓ Title (2588ms)
✓ NoMargin (2582ms)
TabBox
✓ Default (2685ms)
✓ Accordion (2702ms)
✓ Attention (2481ms)
✓ Pills (2655ms)
✓ Side (2693ms)
✓ Steps (2691ms)
✓ Slats (2582ms)
✓ Multiple (2544ms)
✓ Panels (2625ms)
Textarea
✓ Default (2477ms)
Timepicker
✓ Default (2800ms)
✓ Custom Interval (2650ms)
✓ Custom Start Time (2637ms)
✓ Custom End Time (2605ms)
✓ Custom Times (2540ms)
Tooltip
✓ Default (2840ms)

● Image Storyshots > Map > Size
Expected image to match or be a close match to snapshot but was 0.1710416666666668% different from snapshot (821 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-size-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23

● Image Storyshots > Map > TileLayer
Expected image to match or be a close match to snapshot but was 0.8387500000000001% different from snapshot (4026 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-tile-layer-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23

● Image Storyshots > Map > Dynamic Markers
Expected image to match or be a close match to snapshot but was 0.1710416666666668% different from snapshot (821 differing pixels).
See diff for details: /Users/p279825/Sites/ANWB/components/.storybook/_image_snapshots_/_diff_output_/storyshots-images-test-js-image-storyshots-map-dynamic-markers-1-diff.png
at node_modules/@storybook/addon-storyshots/dist/test-body-image-snapshot.js:61:23
```

# automated regression testing



# individually versioned components

each component has its own package.json and version

[lerna & yarn workspaces](#) handle all node modules

we use [conventional commits](#) for our commit messages

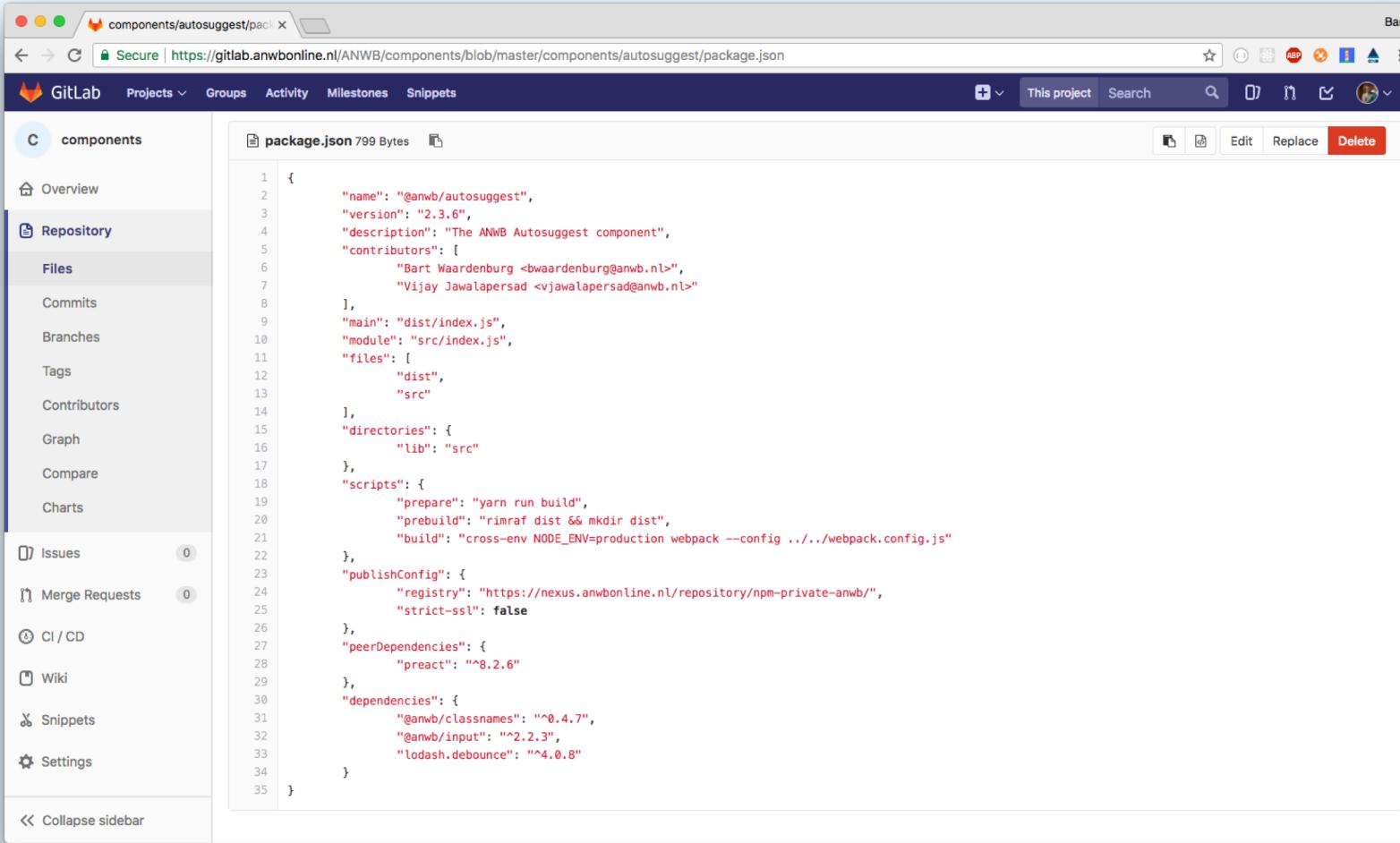
we use [commitizen](#) and [commit-lint](#) to help with commit messages

new [semver](#) component versions are derived from commit messages

[changelogs](#) are generated based on commit messages

components are privately hosted on our [nexus repository](#)

# individually versioned components



The screenshot shows a GitLab project interface for the repository 'components/autosuggest'. The left sidebar contains navigation links for Overview, Repository (selected), Files, Commits, Branches, Tags, Contributors, Graph, Compare, Charts, Issues (0), Merge Requests (0), CI / CD, Wiki, Snippets, and Settings. The main content area displays the 'package.json' file, which is 799 Bytes in size. The file content is as follows:

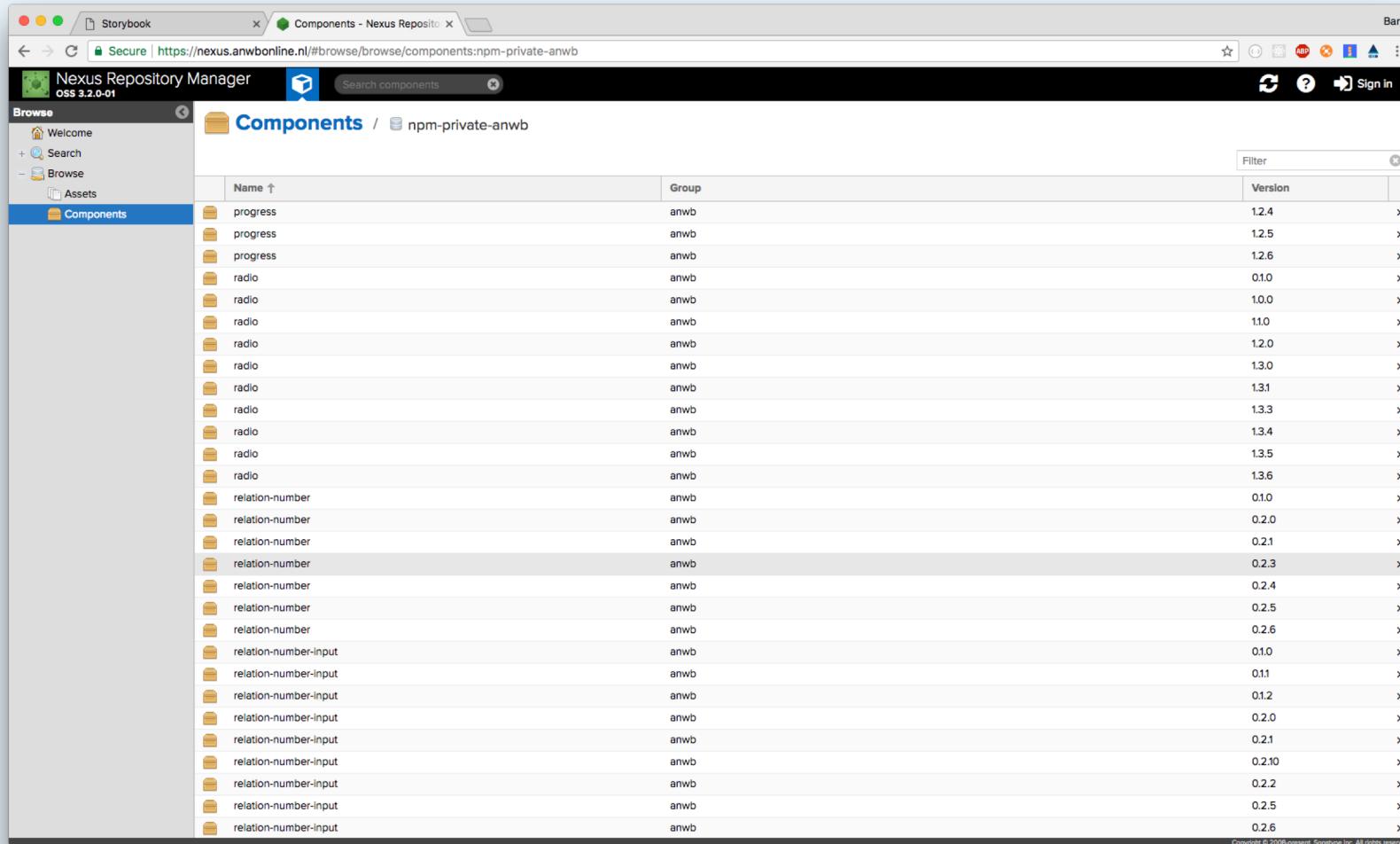
```
1  {
2    "name": "@anwb/autosuggest",
3    "version": "2.3.6",
4    "description": "The ANWB Autosuggest component",
5    "contributors": [
6      "Bart Waardenburg <bwaardenburg@anwb.nl>",
7      "Vijay Jawalapersad <vjawalapersad@anwb.nl>"
8    ],
9    "main": "dist/index.js",
10   "module": "src/index.js",
11   "files": [
12     "dist",
13     "src"
14   ],
15   "directories": {
16     "lib": "src"
17   },
18   "scripts": {
19     "prepare": "yarn run build",
20     "prebuild": "rimraf dist && mkdir dist",
21     "build": "cross-env NODE_ENV=production webpack --config ../../webpack.config.js"
22   },
23   "publishConfig": {
24     "registry": "https://nexus.anwbonline.nl/repository/npm-private-anwb/",
25     "strict-ssl": false
26   },
27   "peerDependencies": {
28     "preact": "^8.2.6"
29   },
30   "dependencies": {
31     "@anwb/classnames": "^0.4.7",
32     "@anwb/input": "^2.2.3",
33     "lodash.debounce": "^4.0.8"
34   }
35 }
```

# individually versioned components

The screenshot shows a GitLab project interface for the 'components' repository. The sidebar on the left lists various project sections: Overview, Repository (selected), Files, Commits (selected), Branches, Tags, Contributors, Graph, Compare, Charts, Issues (0), Merge Requests (0), CI / CD, Wiki, Snippets, and Settings. The main area displays a list of commits in the 'master' branch. Each commit includes a small profile picture, the commit message, the author's name, the time since it was authored, the commit hash, a copy icon, and a 'Browse Files' button.

Commit Hash	Author	Message	Date
480a26c8	Bart Waardenburg	chore: Fixed a type on package.json contributors => contributors	2 months ago
f1d58d2d	Bart Waardenburg	chore(release): Publish new version	2 months ago
cf8eceaef	Bart Waardenburg	feat: Added browser utility functions	2 months ago
8eddd4ab	Bart Waardenburg	chore(release): Publish new version	2 months ago
58e1ce36	Bart Waardenburg	feat: Added api utilities	2 months ago
a45d9bf2	Bart Waardenburg	chore(release): Publish new version	2 months ago
1eb25b35	Bart Waardenburg	Merge branch 'release/R20180118'	2 months ago
59aeaf6a	Bart Waardenburg	Merge branch 'feature/map-component' into develop	2 months ago
0870e013	Bart Waardenburg	feat(map): Improved marker and popup rendering	2 months ago
9f48f5f9	ischeffers	chore(release): Publish new version	2 months ago
214e765a	ischeffers	Merge branch 'release/R20180117'	2 months ago
725f39ac	ischeffers	Merge pull request #8 in FRONTEND/components.pkg from feature/tooltip-relationnumber to develop	2 months ago

# individually versioned components



The screenshot shows a web browser window displaying the Nexus Repository Manager interface. The URL is <https://nexus.anwbonline.nl/#browse/browse/components:npm-private-anwb>. The page title is "Components - Nexus Repository Manager". The left sidebar has a "Components" tab selected. The main content area shows a table of components with the following data:

Name ↑	Group	Version
progress	anwb	1.2.4
progress	anwb	1.2.5
progress	anwb	1.2.6
radio	anwb	0.1.0
radio	anwb	1.0.0
radio	anwb	1.1.0
radio	anwb	1.2.0
radio	anwb	1.3.0
radio	anwb	1.3.1
radio	anwb	1.3.3
radio	anwb	1.3.4
radio	anwb	1.3.5
radio	anwb	1.3.6
relation-number	anwb	0.1.0
relation-number	anwb	0.2.0
relation-number	anwb	0.2.1
relation-number	anwb	0.2.3
relation-number	anwb	0.2.4
relation-number	anwb	0.2.5
relation-number	anwb	0.2.6
relation-number-input	anwb	0.1.0
relation-number-input	anwb	0.1.1
relation-number-input	anwb	0.1.2
relation-number-input	anwb	0.2.0
relation-number-input	anwb	0.2.1
relation-number-input	anwb	0.2.10
relation-number-input	anwb	0.2.2
relation-number-input	anwb	0.2.5
relation-number-input	anwb	0.2.6

# individually versioned components

The screenshot shows a GitLab project interface for a repository named "components/map". The current view is the "CHANGELOG.md" file, which lists the following version history:

- 0.8.1 (2018-03-23)**  
Note: Version bump only for package @anwb/map
- 0.8.0 (2018-03-15)**  
Features
  - map: Made the map popups smaller so they're better viewable on mobile devices (1aaafa9f)
- 0.7.5 (2018-03-09)**  
Note: Version bump only for package @anwb/map
- 0.7.4 (2018-03-08)**  
Note: Version bump only for package @anwb/map
- 0.7.3 (2018-03-06)**  
Note: Version bump only for package @anwb/map
- 0.7.2 (2018-03-06)**  
Bug Fixes
  - map: Improved static maps and added size invalidator to size changes (f73be36)
- 0.7.0 (2018-02-23)**

the future

# future wishes

specific versioned styling for components (css-in-js)

cross browser regression testing

...

# thanks



@bartwaardenburg

