

# O2 Bootstrap4 Component

## *o2-bootstrap4-component* Navigation Header Component Library for Bootstrap4

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*o2-bootstrap4-component-consumer* is a sample consumer project for *o2-bootstrap4-component* .

Sample Program for setting config data,

<https://github.com/ohtsu/o2-bootstrap4-component-consumer/>

Video Explanation (English),

<https://youtu.be/>

Video Explanation (Japanese),

<https://youtu.be/>

## Overview

- *o2-bootstrap4-component* is an easy navigation header tool based on *ng-bootstrap* (version 1.0) for Angular5
- 8 main colors of Bootstrap are supported (dark,light,primary,secondary,success,info,warning,danger)
- You can change menu titles by config data.
- You can customize the log image by config data.
- You can customize the brand by config data.
- You can add dropdown lists.
- You can get click events of Buttons and so on.
- You can set routing data (routerLink) by config data.

## Prerequisite

- node.js
- Typescript2
- Angular5
- ng-bootstrap

## Installation of the sample consumer project

To download this consumer project, in your command line, type as follows:

```
$ git clone https://github.com/Ohtsu/o2-bootstrap4-component-consumer.git
```

Change into the project directory

```
$ cd o2-bootstrap4-component-consumer
```

To install it, run simply:

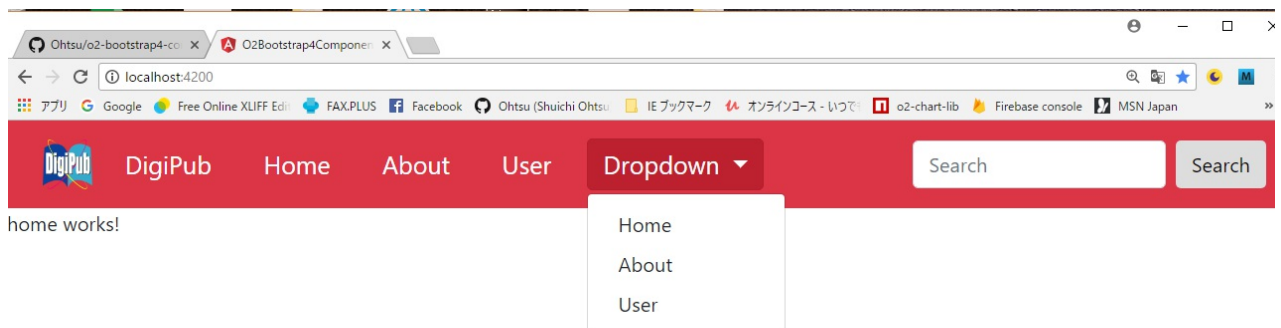
```
$ npm install
```

## Start project

If you start local server as follows, you can get a navigation header of Bootstrap4 in your browser by accessing **http://localhost:4200**.

```
$ ng serve
```

- *First Page*



## Sample Config Data

You can change settings of the navigation bar by configData as follows.

```
private initializeData() {
  this.configData = {
    "Color": {
      "baseColor": "warning",
    },
    "Logo": {
      "id": "logo",
      "name": "DigiPub",
      "visible": false,
      "imageUrl": "assets/images/DigiPub_logo_HighReso01.png",
      "rlink": "/",
    },
    "Brand": {
      "id": "brand",
      "name": "DigiPub",
      "visible": false,
      "rlink": "/",
    },
    "Search": {
```

```

    "id": "search",
    "name": "Search",
    "visible": true,
    "rlink": "/",
  },
  "Menu": [
    {
      "id": "m01",
      "dropdown": false,
      "submenu": [],
      "visible": true,
      "title": "Home",
      "rlink": "/",
    },
    {
      "id": "m02",
      "dropdown": false,
      "submenu": [],
      "visible": true,
      "title": "About",
      "rlink": "/about",
    },
    {
      "id": "m03",
      "dropdown": false,
      "submenu": [],
      "visible": true,
      "title": "User",
      "rlink": "/user",
    },
    {
      "id": "m04",
      "dropdown": true,
      "visible": true,
      "title": "Dropdown",
      "rlink": "/detail/child",
      "submenu": [
        {
          "id": "m0401",
          "dropdown": false,
          "visible": true,
          "title": "Home",
          "rlink": "/",
        },
        {
          "id": "m0402",
          "dropdown": false,
          "visible": true,
          "title": "About",
          "rlink": "/about",
        },
        {
          "id": "m0403",
          "dropdown": false,
          "visible": true,
          "title": "User",
          "rlink": "/user",
        }
      ]
    }
  ]
}

```

```
    ],  
  };  
}
```

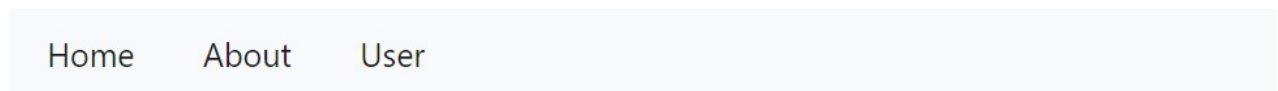
## Color

Set your favorite color in `Color.baseColor`.

**dark**



**light**



**primary**



**secondary**



**success**



**info**



**warning**



**danger**

## Logo Image

If you want to add your own logo image, you need to add your logo image file into `assets/images` directory.

Then edit `Logo.imageUrl` of the `configData`.

And set `Logo.visible` `true`.



## Brand

If you want to add your brand, set `Brand.visible` `true`.

Then edit `Brand.name` and `Brand.rlink` of the `configData`.

`rlink` means `routerLink` string.

And set `Brand.visible` `true`.



## Dropdown List

If you want to add dropdown lists, set `Menu.dropdown` `true` as follows.

Then add `submenu`.

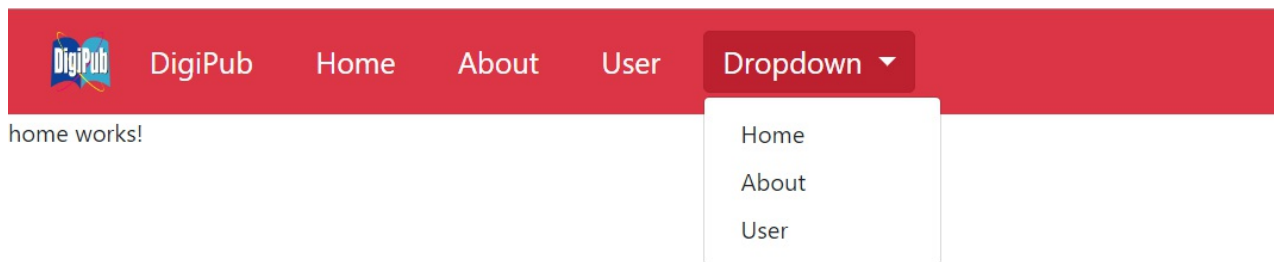
Its structure is the same as `Menu`.

```
{
  "id": "m04",
  "dropdown": true,
  "visible": true,
  "title": "Dropdown",
  "rlink": "/detail/child",
  "submenu": [
    {
      "id": "m0401",
      "dropdown": false,
      "visible": true,
      "title": "Home",
      "rlink": "/",
    },
    {
```

```

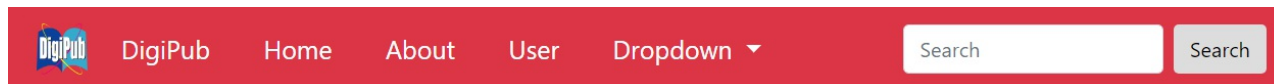
      "id": "m0402",
      "dropdown": false,
      "visible": true,
      "title": "About",
      "rlink": "/about",
    },
    {
      "id": "m0403",
      "dropdown": false,
      "visible": true,
      "title": "User",
      "rlink": "/user",
    },
  ],
}

```



## Searchbox

If you want to add searchbox, set `Search.visible` `true`.



## app.component.html

If you set the `configData`, `app.component.html` structure is very simple as follows.

```

<o2-bootstrap4-component-header [configData]="configData" (buttonClick) ="navBu
<router-outlet></router-outlet>

```

## Version

- o2-bootstrap4-component-consumer : 0.1.0
- o2-bootstrap4-component : 0.4.0
- Angular5 : 5.2.0
- TypeScript : 2.5.3
- @ng-bootstrap/ng-bootstrap : 1.0.0

## Reference

- "Angular5 Custom Library: The definitive, step-by-step guide",  
<https://www.udemy.com/draft/1461368/learn/v4/content>
- "Angular5用 カスタムライブラリの作成",  
<https://www.udemy.com/draft/1450138/learn/v4/content>

## Change Log

- 2018.3.22 version 1.0 uploaded

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