# Table component with sorting and pagination for Angular

npm i angular-9-datatable

It is a forked version of [**@cmglez10/ng-datatable**](https://github.com/@cmglez10/ng-datatable) updated to Angular 8.

This is a repository upgraded to Angular 8

## Usage example

AppModule.ts

**import** {NgModule} **from** "@angular/core";

**...**

**import** {DataTableModule} **from** "angular-6-datatable";

@NgModule({

    imports: [

**...**

        DataTableModule

    ],

**...**

})

**export** class AppModule {

}

AppComponent.html

<table **class**="table table-striped" [**mfData**]="data" #**mf**="mfDataTable" [**mfRowsOnPage**]="5">

    <thead>

    <tr>

        <th **style**="width: 20%">

            <mfDefaultSorter **by**="name">Name</mfDefaultSorter>

        </th>

        <th **style**="width: 50%">

            <mfDefaultSorter **by**="email">Email</mfDefaultSorter>

        </th>

        <th **style**="width: 10%">

            <mfDefaultSorter **by**="age">Age</mfDefaultSorter>

        </th>

        <th **style**="width: 20%">

            <mfDefaultSorter **by**="city">City</mfDefaultSorter>

        </th>

    </tr>

    </thead>

    <tbody>

    <tr \***ngFor**="let item of mf.data">

        <td>{{item.name}}</td>

        <td>{{item.email}}</td>

        <td **class**="text-right">{{item.age}}</td>

        <td>{{item.city | uppercase}}</td>

    </tr>

    </tbody>

    <tfoot>

    <tr>

        <td **colspan**="4">

            <mfBootstrapPaginator [**rowsOnPageSet**]="[5,10,25]"></mfBootstrapPaginator>

        </td>

    </tr>

    </tfoot>

</table>

## API

### mfData directive

* selector: table[mfData]
* exportAs: mfDataTable
* inputs
  + mfData: any[] - array of data to display in table
  + mfRowsOnPage: number - number of rows should be displayed on page (default: 1000)
  + mfActivePage: number - page number (default: 1)
  + mfSortBy: any - sort by parameter
  + mfSortOrder: string - sort order parameter, "asc" or "desc"
* outputs
  + mfSortByChange: any - sort by parameter
  + mfSortOrderChange: any - sort order parameter

### mfDefaultSorter component

* selector: mfDefaultSorter
* inputs
  + by: any - specify how to sort data (argument for lodash function [\_.sortBy](https://lodash.com/docs#sortBy))

### mfBootstrapPaginator component

Displays buttons for changing current page and number of displayed rows using bootstrap template (css for bootstrap is required). If array length is smaller than current displayed rows on page then it doesn't show button for changing page. If array length is smaller than min value rowsOnPage then it doesn't show any buttons.

* selector: mfBootstrapPaginator
* inputs
  + rowsOnPageSet: number - specify values for buttons to change number of diplayed rows