

[Angular Material: DatePicker] Set Custom Date in (DD-MM-YYYY) format



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As working with Angular Material 8 DatePicker Component, i was not able to set the Date in a specific format. After spending 2 hours of researching, i achieved the Goal by following multiple articles. Later thought why don't i make it easy for others, who might get into the same situation.

So here i am, Back with another problem solving magical thing, Here i was using Template-Driven Approach to build forms.

The HTML CODE

```
<mat-form-field>

<input matInput placeholder="Select Date"
[matDatepicker]="datepickerRef" name="datepicker" ngModel
#dateCtrl="ngModel" required readonly/>

<mat-datepicker-toggle [for]="datepickerRef" matSuffix></mat-
datepicker-toggle>

<mat-datepicker #datepickerRef></mat-datepicker>
<mat-error *ngIf="dateCtrl.errors?.required &&
dateCtrl.touched">Choose a Date</mat-error>

</mat-form-field>
```

The HELPER Function

This is the function that will translate the Date to DD-MM-YYYY format as the example, however you can customize it accordingly. I created a single file named “**format-datepicker.ts**” and written following code..

```
import { NativeDateAdapter } from '@angular/material';
import { MatDateFormats } from '@angular/material/core';

export class AppDateAdapter extends NativeDateAdapter {
  format(date: Date, displayFormat: Object): string {
    if (displayFormat === 'input') {
      let day: string = date.getDate().toString();
      day = +day < 10 ? '0' + day : day;
      let month: string = (date.getMonth() + 1).toString();
      month = +month < 10 ? '0' + month : month;
      let year = date.getFullYear();
      return `${day}-${month}-${year}`;
    }
    return date.toDateString();
  }
}

export const APP_DATE_FORMATS: MatDateFormats = {
  parse: {
    dateInput: { month: 'short', year: 'numeric', day: 'numeric' },
  },
  display: {
    dateInput: 'input',
    monthYearLabel: { year: 'numeric', month: 'numeric' },
    dateAllyLabel: { year: 'numeric', month: 'long', day: 'numeric' },
  },
  monthYearAllyLabel: { year: 'numeric', month: 'long' },
}
};
```

Provide this implementation inside the providers tag of Component Decorator by overriding the default,

```
import { DateAdapter, MAT_DATE_FORMATS } from '@angular/material/core';
import { AppDateAdapter, APP_DATE_FORMATS } from
'src/app/shared/format-datepicker';

@Component({
  selector: 'app-create-employee',
  templateUrl: './create-employee.component.html',
  styleUrls: ['./create-employee.component.css'],
  providers: [
    {provide: DateAdapter, useClass: AppDateAdapter},
    {provide: MAT_DATE_FORMATS, useValue: APP_DATE_FORMATS}
  ]
})
```

}}

And Boom, You will see the result!

Select Date *
13-06-2019

Leave a few claps, if this article helped you in any way :)

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464 claps



WRITTEN BY

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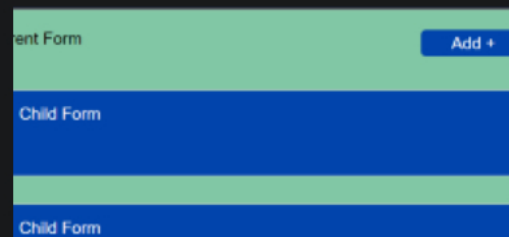
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