

Angular Material v6 Mat-Footer - "Cannot read property 'template' of undefined"

Asked 1 year, 3 months ago Active 2 months ago Viewed 7k times



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I'm trying to implement a footer row into a mat-table component after recently upgrading to angular 6 for this purpose, but after adding both the mat-footer-cell and mat-footer-row elements in the table, I get the following error:

ERROR TypeError: Cannot read property 'template' of undefined at
MatFooterRowDef.push../node_modules/@angular/cdk/esm5/table.es5.js.CdkFooterRowDef.extractCellTemplate (vendor.js:17400)

The table still appears on the page, but with no data, no footer row, and a T symbol where to the right of each column heading.

HTML:

```
<ng-container matColumnDef="total">

  <mat-header-cell *matHeaderCellDef mat-sort-header style="width: 15%; flex: none">Total</mat-header-cell>

  <mat-cell *matCellDef="let item" style="width: 15%; flex: none">{{item.total | currency: 'GBP'}}</mat-cell>

  <td mat-footer-cell *matFooterCellDef>100</td>

</ng-container>

<mat-header-row *matHeaderRowDef="tableColumns"></mat-header-row>

<mat-row *matRowDef="let row; columns: tableColumns" (click)="editItem(row)"></mat-row>

<tr mat-footer-row *matFooterRowDef="tableColumns"></tr>

</mat-table>
```



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does the table display normally without the `mat-footer-row` ? – [Michael Doye](#) Jun 1 '18 at 11:12

Yes, no problems until I added the footer elements – [nick.cook](#) Jun 1 '18 at 13:01

Are you perhaps able to recreate this error in a stackblitz? stackblitz.com/angular/klengxeqvdd – [Michael Doye](#) Jun 1 '18 at 13:03

2 Answers



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FIXED: This was not made clear in the material documentation, but **all** columns must contain a `<mat-footer-cell/>` element, even if only one column will contain content.

answered Jun 5 '18 at 10:42



[nick.cook](#)

536 7 24

Absolutely true. If you want to show footer content then each column must contain **footer** cell. I accomplished this in another way: `<td mat-footer-cell *matFooterCellDef></td>` . – [akgupta](#) Jan 8 at 6:55

Thanks mate, you saved me a lot of googling – [Ahsan](#) Jun 20 at 13:15



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You can define your own "tableFooterColumns" variable.

```
tableFooterColumns: string[] = ['total'];
```

and use it in the template (change "colspan" for your needs):

```
<tr mat-footer-row *matFooterRowDef="tableFooterColumns" colspan="2"></tr>
```

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