

# How to get row id and input value from mat-table (angular)

Asked 5 months ago   Active 5 months ago   Viewed 630 times



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I have a table with several columns and one of them is the input. Under the table I have a button upon which click I would like to update the database, with one click to update age for all users. So for the call, I will need row id and input value for each user. Could anyone please explain how to do it? Thanks

TS



```
const ELEMENT_DATA: User[] = [
  { id: 1, country: 'UK', name: 'A', age: 20 },
  { id: 2, country: 'France', name: 'B', age: 21 },
  { id: 3, country: 'Germany', name: 'C', age: 22 }
];
```

```
export interface User {
  id: number;
  country: string;
  name: string;
  age: number;
}
```

```
@Component({
  selector: 'app-table',
  templateUrl: 'app.component.html',
  styleUrls: ['app.component.css']
})
export class TableComponent implements OnInit {

  displayedColumns = ['country', 'name', 'age'];
  dataSource = ELEMENT_DATA;

  ngOnInit() {
  }
}
```

HTML

```
<div>
  <table mat-table [dataSource]="dataSource" class="mat-elevation-z8">
```

```

<ng-container matColumnDef="country">
  <th mat-header-cell *matHeaderCellDef> Country </th>
  <td mat-cell *matCellDef="let element"> {{element.country}} </td>
</ng-container>

<ng-container matColumnDef="name">
  <th mat-header-cell *matHeaderCellDef> Name </th>
  <td mat-cell *matCellDef="let element"> {{element.name}} </td>
</ng-container>

<ng-container matColumnDef="age">
  <th mat-header-cell *matHeaderCellDef> Age </th>
  <td mat-cell *matCellDef="let element">
    <div>
      <input type="text" class="age-input" value="{{element.age}}">
    </div>
  </td>
</ng-container>

<tr mat-header-row *matHeaderRowDef="displayedColumns"></tr>
<tr mat-row *matRowDef="let row; columns: displayedColumns;"></tr>
</table>

<button mat-raised-button type="submit">
  <i class="material-icons mr-2">save</i>Save
</button>

</div>

```

angular input material rowid mat-table

asked Apr 11 at 13:54

 sgsniko1  
1 4

## 1 Answer



All you need to do is bind the value of your `input` element via `ngModel` and your `dataSource` will be updated.

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```
<input type="text" class="age-input" [(ngModel)]="element.age">
```



See [this](#), on click of the save button the updated model will be printeg to the console.

answered Apr 11 at 14:00



**Fabian K ng**  
2,811 9 21

thank you, I am able to get the data now but how to get ONLY Id and Age (so that I can pass those values to the backend). I tried using .map but without success... – [sgsniko1](#) Apr 12 at 8:34

It is already in the stackblitz, check the code / console. – [Fabian K ng](#) Apr 12 at 8:35

awesome, thank you very much :) – [sgsniko1](#) Apr 12 at 8:41

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