

State File

```
import { State, Selector, Action, StateContext } from '@ngxs/store';
import { Injectable } from '@angular/core';
import { GetEmployee, SetEmployee } from '../action/employee.action';
import { EmployeeService } from '../../employee.service';
import { tap } from 'rxjs/operators';

interface Employee {
  name: string;
  designation: string;
  id: string;
}

export class EmployeeStateModel {
  employee: Employee[];
  employeeLoaded: boolean; // API call will according to this var
  selectedEmployee: Employee;
}

@State<EmployeeStateModel>({
  // @State now this file will work according to state
  name: 'employee',
  defaults: {
    // default state
    employee: [],
    employeeLoaded: false,
    selectedEmployee: null
  }
})

@Injectable()
export class EmployeeState {
  constructor(private _employeeService: EmployeeService) {}

  // Selector has logic to get the state data
  // @Selector we will use in our component file to get data

  // Get employee list from state
  @Selector()
  static getEmployeeListSelector(state: EmployeeStateModel) {
    return state.employee;
  }
}
```

```

// Get loaded employee info
@Selector()
static getEmployeeLoadede(state: EmployeeStateModel) {
    return state.employeeLoaded;
}

// Fetch particular one employee detail
@Selector()
static selectedEmployee(state: EmployeeStateModel) {
    return state.selectedEmployee;
}

@Action(GetEmployee) // Attaching GetEmployee Action with getEmployeesActionFun
getEmployeesActionFun({
    getState,
    setState
}: StateContext<EmployeeStateModel>) {
    return this._employeeService.getEmployee().pipe(
        tap(res => {
            const state = getState();
            setState({
                ...state,
                employee: res, // Now employee has list
                employeeLoaded: true // API call done that's why make it true
            });
        })
    );
}

@Action(SetEmployee) //Attaching SetEmployee Action with setEmployeesActionFun
setSelectedEmployeesActionFun(
    { getState, setState }: StateContext<EmployeeStateModel>,
    { id }: SetEmployee
) {
    const state = getState();
    const empList = state.employee;
    const index = empList.findIndex(emp => emp.id === id);
    setState({
        ...state,
        selectedEmployee: empList[index]
    });
}

```

```
}  
}
```