# Documentation for src\main\java\com\example\EmployeeManagementSystem\mapper\MapperEmployee.java

Generated on: 2025-09-05 22:42:10

Repository: C:\Users\User\VisualStudio\Employee-Management-Sys\EmployeeManagementSystem

Language: java

---

# Function: mapTOEmployee

## Description

This function mapTOEmployee is responsible for mapping a Data Transfer Object (DTO) representing an employee to an actual Employee object in the Employee Management System.

## Parameters

* `dtoEmployee`: The Data Transfer Object representing an employee that needs to be mapped to an Employee object.

## Usage Example

// Instantiate a DTO employee object

DtoEmployee dtoEmployee = new DtoEmployee();

// Call the mapTOEmployee function to map the DTO employee to an Employee object

Employee employee = mapTOEmployee(dtoEmployee);

## Important Notes

* This function is located in the `MapperEmployee.java` file at line numbers 7-12.
* Ensure that the DTO employee object passed as a parameter is properly initialized before calling this function.\n\n---\n\n# mapToDtoEmployee Function Documentation

## Description

The mapToDtoEmployee function is used to map an employee object to a DTO (Data Transfer Object) representation of the employee. This function is typically used in the context of an employee management system to convert employee entities to a format that can be easily transferred between different layers of the application.

## Parameters

* `employee`: The employee object that needs to be mapped to a DTO representation.

## Usage Example

Employee employee = new Employee("John Doe", "john.doe@example.com", "Manager");

EmployeeDto employeeDto = mapToDtoEmployee(employee);

System.out.println(employeeDto.getName()); // Output: John Doe

System.out.println(employeeDto.getEmail()); // Output: john.doe@example.com

System.out.println(employeeDto.getPosition()); // Output: Manager

## Important Notes

* This function assumes that the `Employee` class and `EmployeeDto` class have appropriate getters and setters for the required fields.
* It is important to ensure that the mapping logic in this function is correctly implemented to avoid any data loss or inconsistencies in the DTO representation.\n\n---\n\n