

AutoMapper.Net4

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Kind: Service

Source: Pams/API/Pams.API/Pams.API.csproj (line 1)

Part of: Pams

NuGet package dependency

AutoMapper.Net4 is a NuGet package dependency declared by the Pams.API project. It supports object-to-object mapping in the API, such as converting domain models into request or response DTOs.

Diagram

```
sequenceDiagram
    participant Client as TypeScript Client
    participant API as Pams.API
    participant Mapper as AutoMapper.Net4
    participant Model as Domain Model

    Client->>API: Send API request
    API->>Model: Read or create model data
    API->>Mapper: Map model to DTO
    Mapper-->>API: Return mapped DTO
    API-->>Client: Return JSON response
```

Usage

```
type UserDto = {
  id: string;
  displayName: string;
};

async function getUser(id: string): Promise<UserDto> {
  const response = await fetch(`/api/users/${id}`);
```

```
if (!response.ok) {  
    throw new Error("Unable to load user");  
}  
  
return response.json();  
}
```

AI Coding Instructions

- Treat `AutoMapper.Net4` as a server-side dependency configured through `Pams.API.csproj`.
- Keep mapping configuration in the API layer where domain models are converted to DTOs.
- Do not expose domain entities directly from API endpoints when a mapped DTO is expected.
- Check existing mapping profiles before adding mappings for new request or response types.