

SaaSKit.Multitenancy

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Kind: Service

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

Part of: Pams

NuGet package dependency

SaaSKit.Multitenancy is a NuGet package reference in Pams.API.csproj that provides multitenancy support for the API project. It resolves tenant context during request handling so API components can apply tenant-specific configuration and data access.

Diagram

```
sequenceDiagram
    participant Client
    participant API as Pams API
    participant Multitenancy as SaaSKit.Multitenancy
    participant Endpoint as API Endpoint

    Client->>API: Request with tenant identifier
    API->>Multitenancy: Resolve tenant context
    Multitenancy-->>API: Tenant context
    API->>Endpoint: Process request with tenant context
    Endpoint-->>Client: Tenant-scoped response
```

Usage

```
const response = await fetch("/api/orders", {
  headers: {
    "X-Tenant-ID": "tenant-a",
    Authorization: `Bearer ${accessToken}`,
  },
});
```

```
if (!response.ok) {  
    throw new Error("Unable to load orders");  
}  
  
const orders = await response.json();  
console.log(orders);
```

AI Coding Instructions

- Keep tenant resolution in the API request pipeline before tenant-dependent endpoints and services run.
- Pass tenant context through existing application abstractions rather than reading request headers directly in business logic.
- Check how `Pams.API.csproj` references `SaasKit.Multitenancy` before changing package versions or tenant configuration.
- Treat tenant identifiers as request input and validate them before selecting tenant-specific resources.