

System.Net.Http

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Kind: Service

Source: Pams/Logic/Pams.Business/Pams.Business.csproj (line 1)

Part of: Pams

NuGet package dependency

`System.Net.Http` is a NuGet package dependency declared in `Pams.Business.csproj`. It supports outbound HTTP requests from Pams business logic, such as calling external APIs through `HttpClient`.

Diagram

```
sequenceDiagram
    participant Business as Pams.Business
    participant HttpClient as System.Net.Http
    participant Api as External API

    Business->>HttpClient: Create request
    HttpClient->>Api: Send HTTP request
    Api-->>HttpClient: Return HTTP response
    HttpClient-->>Business: Return response content
```

Usage

```
async function loadCustomer(customerId: string) {
    const response = await fetch(`/api/customers/${customerId}`);

    if (!response.ok) {
        throw new Error(`Customer request failed: ${response.status}`);
    }

    return response.json();
}
```

```
const customer = await loadCustomer("customer-id");  
console.log(customer);
```

AI Coding Instructions

- Keep outbound HTTP calls in the business or integration layer rather than UI code.
- Reuse configured `HttpClient` instances instead of creating a client for each request.
- Check response status codes before reading response content.
- Handle network failures and cancellation when calling external endpoints.
- Keep external API request and response models separate from internal business models.