

System.Web.Http

August 19, 2026

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Kind: Service

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

Part of: Pams

NuGet package dependency

`System.Web.Http` is a NuGet package dependency in `Pams.API.csproj` for the legacy ASP.NET Web API layer. It supports HTTP API controllers, routing, request handling, and response generation for the Pams API.

Diagram

```
sequenceDiagram
    participant Client
    participant Api as Pams.API
    participant WebHttp as System.Web.Http
    participant Controller

    Client->>Api: Send HTTP request
    Api->>WebHttp: Match route and create request context
    WebHttp->>Controller: Invoke API controller action
    Controller-->>WebHttp: Return HTTP response
    WebHttp-->>Api: Format response
    Api-->>Client: Send HTTP response
```

Usage

```
async function getPamsRecord(recordId: string) {
    const response = await fetch(`/api/pams/${encodeURIComponent(recordId)}`, {
        headers: {
            Accept: "application/json",
        },
    });
};
```

```
if (!response.ok) {  
    throw new Error(`Pams API request failed: ${response.status}`);  
}  
  
return response.json();  
}
```

AI Coding Instructions

- Treat `System.Web.Http` as a project dependency used by the server-side ASP.NET Web API application, not as a browser or Node.js package.
- Keep API routes and controller actions compatible with the legacy Web API pipeline configured by `Pams.API.csproj`.
- Return appropriate HTTP status codes and serialized response bodies from controller actions.
- Check existing package versions before changing this dependency, since legacy-format project files may use package references that affect other API components.