

Newtonsoft.Json

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Kind: Service

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

Part of: Pams

NuGet package dependency

`Newtonsoft.Json` is a NuGet package dependency in the Pams API project that serializes .NET objects to JSON and deserializes JSON request data into .NET objects. It supports JSON handling for API responses, request processing, and legacy JSON formatting requirements.

Diagram

```
sequenceDiagram
    participant Client
    participant API as Pams API
    participant Json as Newtonsoft.Json

    Client->>API: Send JSON request
    API->>Json: Deserialize request body
    Json-->>API: Return .NET object
    API->>Json: Serialize response object
    Json-->>API: Return JSON payload
    API-->>Client: Send JSON response
```

Usage

```
type PamsRecord = {
    id: string;
    status: string;
};

async function getRecord(id: string): Promise<PamsRecord> {
```

```
const response = await fetch(`/api/records/${id}`, {
  headers: {
    Accept: "application/json",
  },
});

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

return response.json();
}
```

AI Coding Instructions

- Keep JSON property names aligned with the API models and configured Newtonsoft.Json serialization settings.
- Check existing serializer settings before adding converters, naming policies, or date formatting behavior.
- Preserve legacy JSON formats when changing request or response models.
- Add Newtonsoft.Json package references through the Pams API project file when code depends on its types or converters.