

Newtonsoft.Json

August 19, 2026

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Kind: Service

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

Part of: [Pams](#)

NuGet package dependency

`Newtonsoft.Json` is a NuGet package dependency declared by `Pams/HelperTool/HelperTool.csproj`. The HelperTool uses it to serialize .NET objects to JSON and deserialize JSON content into typed .NET models when reading or exchanging data.

Diagram

```
sequenceDiagram
    participant HelperTool
    participant NewtonsoftJson as Newtonsoft.Json
    participant JsonData as JSON Data

    HelperTool->>NewtonsoftJson: Serialize .NET object
    NewtonsoftJson-->>JsonData: JSON text
    JsonData->>NewtonsoftJson: JSON text
    NewtonsoftJson-->>HelperTool: Deserialize typed object
```

Usage

```
type HelperToolRequest = {
    name: string;
    enabled: boolean;
};

const request: HelperToolRequest = {
    name: "Example",
    enabled: true,
```

```
};  
  
const json = JSON.stringify(request);  
const parsed = JSON.parse(json) as HelperToolRequest;  
  
console.log(parsed.name);
```

AI Coding Instructions

- Keep `Newtonsoft.Json` references declared through `Pams/HelperTool/HelperTool.csproj`.
- Use explicit .NET models when deserializing JSON so expected fields and types are clear.
- Handle invalid or missing JSON input before deserializing external content.
- Keep JSON property naming consistent with the data format consumed by HelperTool.