





.NET Reusable Components

business intelligence & reporting

-  **NReco PivotData Toolkit**
.NET 4.5+ .NET Core/NET5/NET6 ASP.NET MVC/Blazor


.NET SDK for data aggregation and advanced pivot table reports generation. Implements in-memory data cube, OLAP-operations, pivot table HTML rendering and exports. Includes web pivot table builder (js frontend). Can be used for creating embedded BI dashboards.
-  **PivotData Microservice**
.NET Core On-premise API server any web app


Microservice (.NET Core app with web API) for embedded analytics & reporting functionality. JSON-configurable data connectors for SQL/MongoDB/ElasticSearch/SSAS data sources. Includes web pivot tables & charts builder (js frontend example). Reports may be exported to HTML, JSON, CSV, Excel, PDF, Image.
-  **Javascript Pivot Table**
Javascript jQuery Plugin ASP.NET MVC


Advanced features for pivot.js jQuery plugin: sort by values/labels, fixed headers, pivot table data for exports, drill-down event. ASP.NET MVC integration (optional): UI builder for report SQL query, exports to CSV/Excel/PDF.
-  **Javascript Query Builder**
Javascript jQuery Plugin ASP.NET MVC


NReco Query Builder is a javascript widget for building complex data filters. ASP.NET integration provides backend that translates UI widget state into SQL or MongoDB query.


file format .NET APIs

-  **HTML-to-PDF Generator**
.NET 4.5+ .NET Core/NET5/NET6

WkHtmlToPdf .NET wrapper that performs HTML-to-PDF conversion. Supports page header/footer, page numbering etc.
-  **HTML-to-Image Generator**
.NET 4.5+ .NET Core/NET5/NET6

WkHtmlToImage .NET wrapper that performs HTML-to-image conversion (jpg/png). Can be used for getting web page thumbnail.
-  **PDF-to-Image Renderer**
.NET 4.5+ .NET Core/NET5/NET6

.NET wrapper for poppler tools that converts PDF pages to images or text (ASP.NET PDF viewer, PDF thumbnails, extract PDF text/images).
-  **PhantomJS .NET Wrapper**
.NET 4.0+ .NET Core/NET5/NET6

NReco.PhantomJS is a .NET wrapper for running PhantomJS from C#/.NET code (headless WebKit browser).
-  **VideoConverter | VideoInfo**
.NET 4.5+ .NET Core/NET5/NET6

FFmpeg .NET wrapper for converting media files (video, audio). Can extract video thumbnails, transcode/decode live media streams, encode video from images etc.

data access & processing



GraphQL API for SQL DB

.NET 4.5+ .NET Core/NET5/NET6

Simplifies creation of GraphQL API for existing SQL database: engine that translates GraphQL queries to SQL, can generate GraphQL schema by database schema.



Natural Language Query

.NET 4.5+ .NET Core/NET5/NET6

NLQuery performs rule-based named entity recognition (NER) Can be used for natural language interfaces in .NET applications (smart data list filters, search-driven reporting etc).



Recommendation Engine

.NET 4.x .NET Core/NET5/NET6

Fast collaborative filtering engine (C# port of Apache Mahout CF) that takes users' behaviour and from that tries to find items users might like.



NReco Data Access library

.NET 4.5+ .NET Core/NET5/NET6 Free / open source

High-performance schema-less data access library for .NET and .NET Core. Can be used with any ADO.NET provider.



Database EAV Storage

.NET 4.0 ASP.NET WCF REST Service

Provides .NET and REST API for SQL-based EAV (entity-attribute-value) data model. Useful in applications with dynamic data schema (user-defined fields/entities, reporting apps).

nreco customers

