



DataTable Component

Release Notes

Intutiveminds

Version History

Version	Released Date	Description Of Change	Author
1.0	19 June 2024	Datatable component first version release	Intutiveminds
1.1	25 July 2024	Inline Editing in DynamicDataTable	Intutiveminds
1.2	20 Feb 2025	Export Functionality & Inline Editing for Related Object in DynamicDataTable	Intutiveminds
1.3	19 June 2025	Dynamic DataSource Selection	Intutiveminds

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DynamicDataTable Component for Salesforce

Version: 1.3

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Overview

The DynamicDataTable component is a versatile Lightning Web Component designed for Salesforce. It is intended to display data from various sources, provide comprehensive data rendering capabilities, and enhance user interaction through customizable features.

This document describes the release features and notes which helps us understand what features are available, what are the current known issues and improvement areas. This document also describes the upcoming feature additions in the releases further.

New Features

1. Functionality

- **Dynamic Data Source Handling (SOQL, JSON, Flow Input)**

The component supports displaying data from three flexible sources: **SOQL-based data**, **JSON data**, and **Flow Inputs**. Users can toggle between these sources for dynamic previews, testing, or integrating live runtime data from flows(in Flow).

This multi-source approach enhances reusability by allowing static data visualization through JSON, live record retrieval via SOQL, and real-time contextual data from Flow Inputs, making the component highly adaptable for Salesforce Users.

Note: The selected data source and its data are preserved across tab switches and page refreshes only when accessed through the Dynamic DataTable app's designated page. This state remains available until the user logs out.

- **SOQL Query Selection (Standard or Custom)**

For SOQL-based data, the component provides two query modes: selection from predefined queries stored in the **Query** object, or manual entry using a **custom SOQL input box**.

This gives users the flexibility to quickly access commonly used queries or explore data ad-hoc by writing their own, all of which are executed via Apex and displayed dynamically in the table.

Improvements

- **User Interface Enhancements**

The UI has been enhanced to provide a more intuitive and interactive experience across both desktop and mobile platforms. Users can now **select the data source (SOQL, JSON, or Flow Input)** directly from the UI instead of



relying on component-level properties, making the configuration more dynamic and user-friendly. Updated layouts, responsive design, and improved navigation ensure consistency and ease of use, enabling faster setup and better accessibility for admins and end users alike

- **JSON Data Source**

Previously, input from a custom label was limited to a maximum of 1,000 characters, which caused errors when longer JSON data was used. This limitation has now been improved to support larger inputs, allowing for more complex JSON data to be handled seamlessly.

Security and Access

- **Permission Set**

Added new permission set **DDT** to enable access to **Dynamic DataTable** components, custom tab, and related functionality.

Administrator Action: Please assign this permission set to users who need access.

Known Issues

- **Conditional Formatting**

Conditional formatting may experience delays when applied to very large datasets, affecting rendering speed due to processing constraints and the volume of data involved.

- **Non-Editable Fields**

Non-editable fields, like "LastCURequestDate" or "LastCUUpdateDate" in contact, that may sometimes have no value would be omitted from the DynamicDataTable results. This omission affects data completeness and usability, hindering comprehensive data analysis.

- **Parent-to-Child Relationship Queries**

Queries involving parent-to-child relationships may malfunction, impacting data retrieval accuracy. Our current component does not fully support this relation, potentially leading to incomplete or inaccurate data presentation and analysis within Salesforce applications.

- **Reference Object Fields**

When a referenced object does not have a "Name" field, only its ID is displayed in queries. This limitation reduces data clarity and usability, as users rely solely on IDs without descriptive names, potentially hindering comprehensive understanding and interaction with the data within Salesforce applications. This is specifically for Objects that do not have name fields like Case, Task etc

- **DATA Type Non-Editable**

Currently, certain data types are not editable through the inline editing feature. These include TextArea, Address.

Future Enhancements

- **User Personalization**

Allows users to customize their experience by saving preferences such as sorting criteria and column layouts. This feature enhances usability by tailoring the interface to individual needs, ensuring efficient access to relevant information based on user-defined settings.

- **Reference Object Fields**

For referenced objects in SOQL which do not have name fields but have an autonumber or other fields as text will also be handled. This will allow better data visibility and help in analysis.

- **Toggle Features**

The toggle feature will be included in flow records, enhancing functionality and user control. This addition aims to streamline operations and improve user experience by providing more customization options.

Contact Information

For further assistance or to report issues, please contact our support team at info@intutiveminds.com.

This document provides an overview of the new features, improvements and known issues for the DynamicDataTable component's initial release. Future updates and enhancements will be communicated in subsequent release notes.