

Low-code Overview

Our Profound.js low-code platform lets you develop fully functional applications without writing code (or by writing minimal code). This allows companies to adjust to change quickly and to innovate at a more rapid pace.

By guiding you through the development process, Profound.js makes you more productive and teaches you the concepts of Node.js and the Profound.js framework used for building business applications.

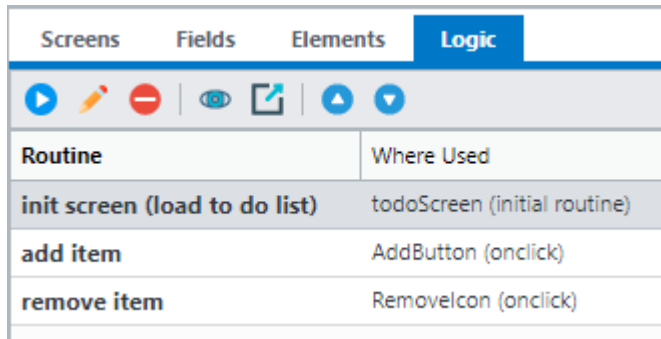
The main benefits of using low-code in Profound.js are:

- Much lower application development and maintenance costs compared to manual coding
- Reduced time to market/implementation for application development
- Capacity to respond to business demands faster
- Ability for business units, power users, citizen developers, and subject matter experts to participate in the application development process
- Reduction of technical debt and IT backlog
- Standardization of application development based on best practices

With low-code, your development is done using drag-and-drop and point-and-click, and all functionality is contained within Rich Display JSON files.

For best results, you should design your screens and configure your database first, because the low-code environment uses the screen design and the database layout to walk you through the process of creating business logic in a visual manner.

Your application's functionality is contained within the Rich Display Visual Designer under a tab labeled "Logic". Your logic is divided into one or more routines:



The screenshot shows the 'Logic' tab in the Profound.js Visual Designer. The interface includes a toolbar with icons for play, edit, delete, visibility, and navigation. Below the toolbar is a table listing routines and their associated events.

Routine	Where Used
init screen (load to do list)	todoScreen (initial routine)
add item	AddButton (onclick)
remove item	Removelcon (onclick)

Routines are created in a point-and-click manner. They are initiated from events, such as a button onclick event.

To create your first low-code application, follow this [Getting Started Guide on Using Low-code](#) or choose a low-code template by starting a new space on [Profound.js Spaces](#).