



Omnis Developer Conference



From Idea to App – Faster

Introducing Omnis noCode

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Introducing Omnis noCode

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Relevance

Introducing Omnis noCode

Relevance

- Competitive factor: digitalization
- Promising solution for the increasing demand for software in the face of an acute shortage of skilled workers (Vgl. Niedersächsisches Ministerium für Wirtschaft, Verkehr, Bauen und Digitalisierung, 2024)
- „40 percent of [surveyed] companies use low-code, ...“ (Forrester Research – Bratincevic, 2021)



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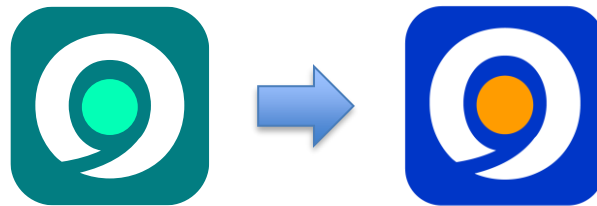
Overview

- Application developement without a single line of code
- Drag & drop development interface
- Easy to get started
- Integrated database
- Simple deployment

Introducing Omnis noCode

Overview

- Unique expansion possibilities with Omnis Studio
- Omnis Studio-like terms



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Areas of application

Also for Omnis Studio (pro) developers

- Rapid prototyping by and for customers
- Realization of projects with short deadlines
 - *Trends*
 - *Market opportunities*
 - *Customer requirements*
- In-house development



Status Quo

Introducing Omnis noCode Spreadsheet Import

- Excel, Numbers, CSVs and more
- Import settings
 - *Relevant cells*
 - *Column names*
 - *Infer column types*
 - *Date formats*
- More simple UI

Import Settings

From Cell To Cell

☒ Use first row as headings ⓘ

☒ Infer Column Types ⓘ

Spreadsheet Date Format ⓘ

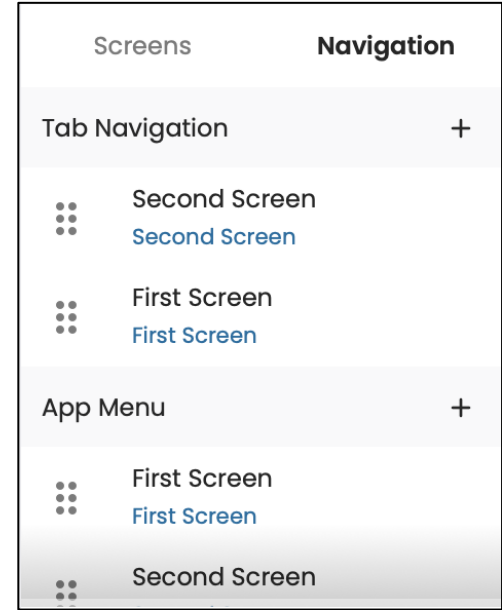
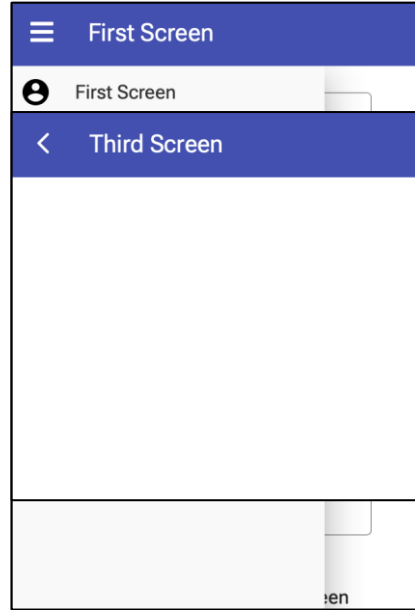
[Re-Import](#)

Preview Data

Row	Firstname ^A Text	Lastname ^B Text
2	Tom	Ford
3	Steward	Miller

Introducing Omnis noCode Navigation

- Hamburger menu (Menu Items)
- Tab Navigation
- Back button is displayed if screen cannot be reached via navigation



Introducing Omnis noCode Screen Dialogs

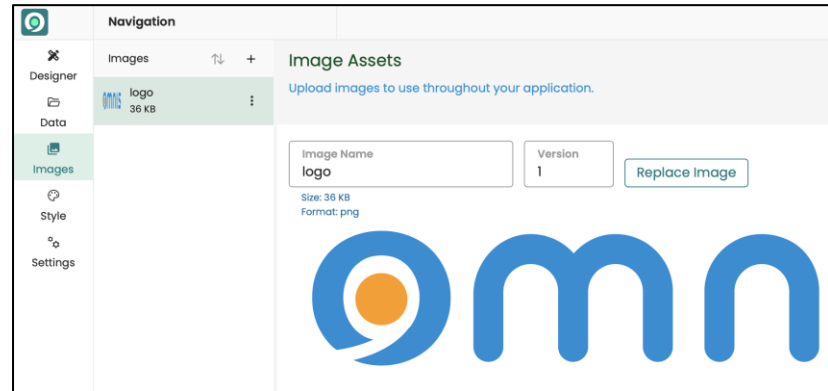
- Display Screens as dialogs
- Screens can be marked as „dialogs“
 - Adds *“Close Dialog” Action*
 - Allows *fixed width*

Behavior	
☒ Is Dialog	

Width	Min Height	
320	0	

Introducing Omnis noCode App Design

- Global app header / footer
- Auto Screen Title Bar
- Static images („Image Assets“)



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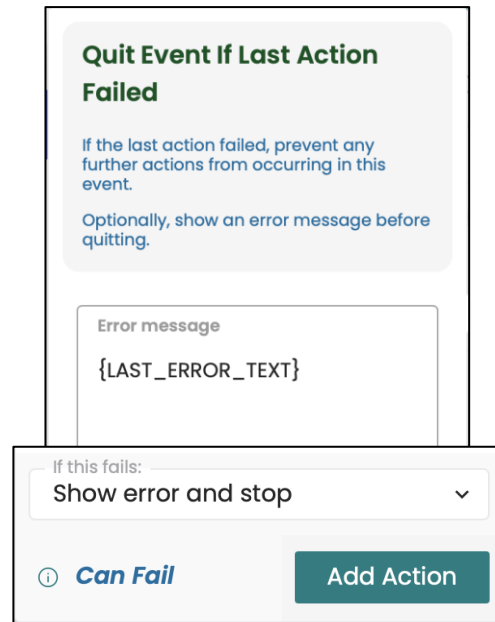
User Administration

- User table (visible)
 - *Allows users to be added manually*
- Actions for user administration
- Actions for handling permissions
- User data type
- Template Screens

The screenshot shows a modal dialog titled "Add User" with a close button (X) in the top right corner. Inside the dialog, there is a text input field labeled "Username". Below this field is a section titled "Register New User" which contains a list of actions: "Grant User Permissions", "Revoke User Permissions", "Get Permissions", and "Open Permission Editor". At the bottom of the dialog, there is a "Save" button.

Introducing Omnis noCode Error Handling

- Global error handling variables
 - „LAST_ACTION_SUCCEEDED“
 - „LAST_ERROR_TEXT“
- Critical Actions are flagged with „Can Fail“
- “Quit Event If Last Action Failed“



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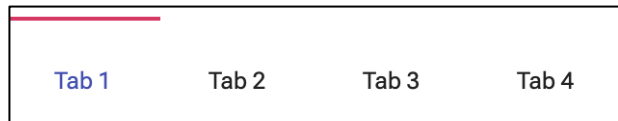
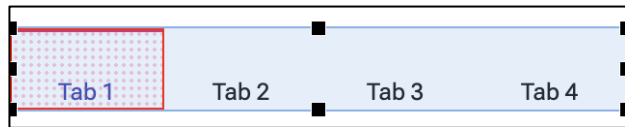
Extended Actions/Events

- Actions
 - *Quit Event*
 - *Upload / Download File*
 - *Search List (\$line)*
- Events (Text Entry)
 - *„User Changed“ Event*
 - *„On Search“ Event*

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Tab Control (Tab Navigation)

- Event parameter: current tab
- Specific properties
 - *Tab Text*
 - *Tab Icon*
 - *“Go to screen”*
 - *Initial Tab*
 - *Indicator Position*
- Allows for navigation between screens



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Aggregate Functions (List Modifiers)

- Available for ,If Condition‘ and ,Set Value‘ actions
 - *Row Count*
 - *Sum*
 - *Average*
 - *Min*
 - *Max*

The screenshot shows the 'Set Value' action configuration window. At the top, it says 'Set Value' and provides a description: 'Set a data column or variable to a **literal** value, or the **value** stored in the chosen data row or variable.' Below this, there are two main sections: 'Set:' and 'To Value:'. Under 'Set:', there are two tabs: 'Data Row' and 'Variable'. The 'Variable' tab is selected, and a dropdown menu shows 'Count' with a plus sign next to it. Under 'To Value:', there are three tabs: 'Literal', 'Data Row', and 'List'. The 'List' tab is selected, and a dropdown menu shows 'Employees' with a plus sign next to it. Below these, there is a 'Column' dropdown menu showing '<None>'. A 'Show modifiers' link is visible, and a dropdown menu is open showing 'Row Count', '<None>', 'Row Count', and 'Sum'. The 'Row Count' option is highlighted. At the bottom right, there is an 'Add Action' button.

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UX Improvements

- Position Assistance
- Detailed User Guide
- Help Guide System
- Test on another device (QR code)
- Version Control System / Backup
- Screen Folders

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UX Improvements

- Generate Screens from a table
 - “Main“-Screen
 - „Details“-Screen

The 'New Screen' dialog has a title bar 'New Screen' and a subtitle 'Enter a name for your new screen.' Below this are two buttons: 'Blank screen' and 'Template'. The 'Template' button is highlighted in blue. Underneath is a text input field labeled 'Name'. At the bottom, there is a list of templates. The first item is 'Template From Table' with an expandable arrow. Below it are 'Login Screen', 'Register New User', 'User Admin Screen', and 'From Table' which is highlighted in green.

The 'Leads' screen has a blue header with a back arrow and the title 'Leads'. Below the header is a search bar with a magnifying glass icon. Under the search bar is a list of names: 'Hans' and 'Georg'. At the bottom right corner, there is a blue circular button with a white plus sign.

The 'Leads_details' screen has a blue header with a back arrow and the title 'Leads_details'. Below the header are three text input fields labeled 'Name', 'Unternehmen', and 'Email'. At the bottom right corner, there is a blue button labeled 'Update'.

Introducing Omnis noCode Deployment

- Publishing
- Hosted at `apps.omnis.net/<app>`
 - *With choosen App ID*
- Live performance data
 - *Usage*
 - *Current user*
 - *...*
- Data vs. live data
- Auto version/backup per deployment

What's Next and Launch