Appway

Appway 7.1

Release Announcements

October 04, 2017

Appway

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Introduction

This document provides an overview of the new features and enhancements that are delivered with Appway 7.1.

Upgrading to AW 7.1 from AW 7.0.x is seamless and requires a minimum of manual steps, as outlined in the Release Notes.

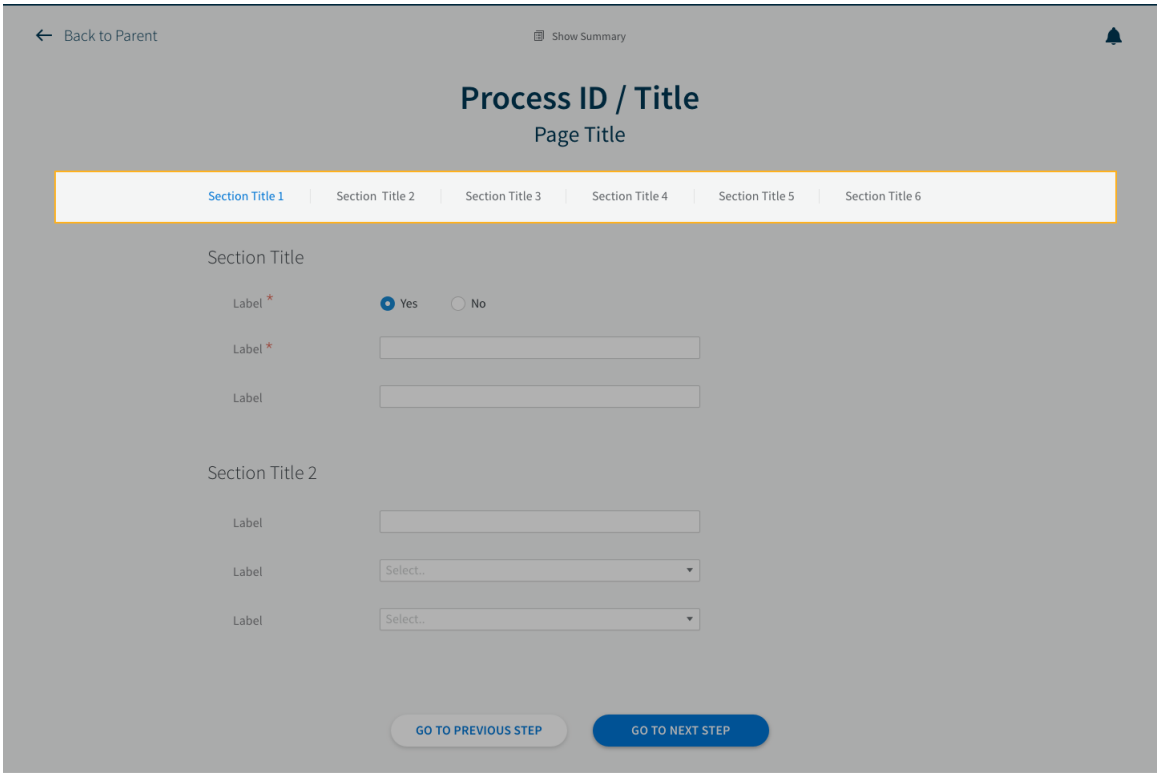
More details on new features and enhancements are available with the release in the:

- Appway 7.1 Release Notes
- Knowledge Base on community.appway.com

New Features

Anchor Bar Screen Component

The Anchor Bar Screen Component creates a horizontal menu with anchors to defined targets within the page:



Anchor Bar – Desktop View (example)

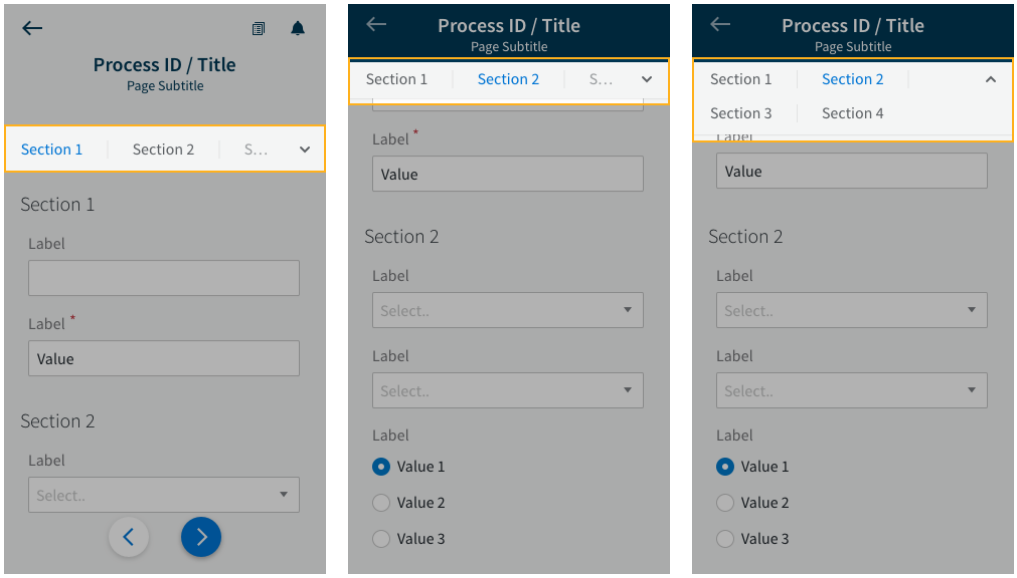
By providing an Anchor Bar, end users can get a quick overview of the page content and navigate directly to a section of the page without having to scroll manually. When clicking on an anchor link, the page automatically scrolls to the defined location.

The targets within a page can be defined by:

- Anchor Target components
  or
- Adaptive Flow Layout Group components

A dedicated 'Style' Business Object is available for comprehensive styling of the component.

When pages are viewed on smaller screens or mobile devices, the Anchor Bar adapts accordingly thanks to its built-in responsive design:



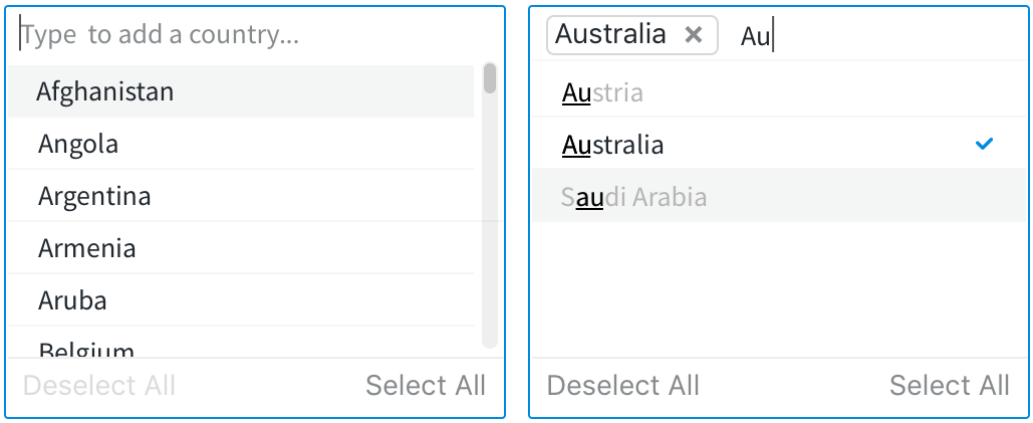
Anchor Bar – Mobile view: standard / scrolling / expanded (examples)

Multiple-Selection Field Screen Component

The Multiple-Selection Field Screen Component allows users to select more than one of the available options from a list of possible options:



Multiple-Selection Field – Standard View



Multiple-Selection Field – with focus / with options selected

A dedicated 'Style' Business Object is available for comprehensive styling of the component.

This new component replaces the 'Multiple' option provided by the deprecated Dropdown List [Legacy] Screen Component. We provide a migration tool for the automated substitution of the deprecated component by the newly introduced Multiple-Selection Field. The tool lists all instances of the Dropdown List [Legacy] with the 'Multiple' option enabled, and guides through the migration to Multiple-Selection Field components with an equivalent configuration.

Enhancements to Existing Features

Navigation Menu Screen Component
Since Appway 7.0, the Navigation Menu Component is available for creating a horizontal list of navigation items. In contrast to the Anchor Bar, which is used to navigate within the same page, the Navigation Menu is used to implement the main navigation between different pages of an application.

With Appway 7.1, it is now possible to use 'Style' Business Objects for comprehensive styling of both the Navigation Menu as well as its entries. In addition, the popup menu which is used on smaller screen sizes can also be styled with a dedicated 'Style' Business Object.

Case Management – Case Template Editor

- Nested Groups
  When defining a Case on the Controls Tab, you can now place Group Controls within other Group Controls, allowing you to implement more flexible solutions.
- Editing Bindings
  Variable bindings on the Controls and Correctness Rules tabs can now be edited, making it easier to rapidly adapt your Case definition to changing data structures. Additionally, you can create empty Data Controls (Primitive, Complex, Collection) on the Controls tab and add the bindings manually. On the Correctness Rules tab, Rules can be 'unbound' by deleting the value from the 'Binding' field.
- Tracking Changes by User
  For all items on the Controls, Consistency Rules, and Correctness Rules tabs, the user who last modified the item is now displayed, clearly indicating who has been working with and changing the Case definition.

Inbox
Filtering and searching among tasks in the new version of Inbox has received a significant performance boost, positively impacting the user experience and the effectivity of the solution. This enhancement is enabled by exploiting the new **Process Instance Indexing** feature. This feature allows searching data stored on Process Instances or Process Tokens far more efficiently, by removing the need to iterate though all Instances/Tokens on the system when performing a query.

Packages

- Validation
  To allow you to monitor and improve the state of your Package at any time,

Package Validation can now be performed from the Package Maintenance tab. Validation reports errors, warnings, and information messages with regards to dependencies, Business Object usage and visibility, and many other areas. For validation messages concerning Business Objects, double-clicking on the message opens the respective Business Object editor (except for Packages and Package Configurations). In the editor, the source of the validation error/warning/info is highlighted, allowing you to quickly examine and fix the issue.

- Exporting Versions
  For increased flexibility when managing Packages and their different versions, it is now possible to export any of the existing versions of a Package.

Extensions

Web Services Extension

The new version of the WebServices extension allows moving already imported services (SOAP or REST) between Packages in a seamless way by using the Move Business Objects tool. The tool takes care of moving a service and its related model classes with one click, simplifying the process of moving a service from a Package (including 'Base' Package) to another Package/s.