

# A12 Release 2024.06-ext4

March 2025

Basic information about A12  
<https://www.mgm-tp.com/a12.htm>

## What is A12?

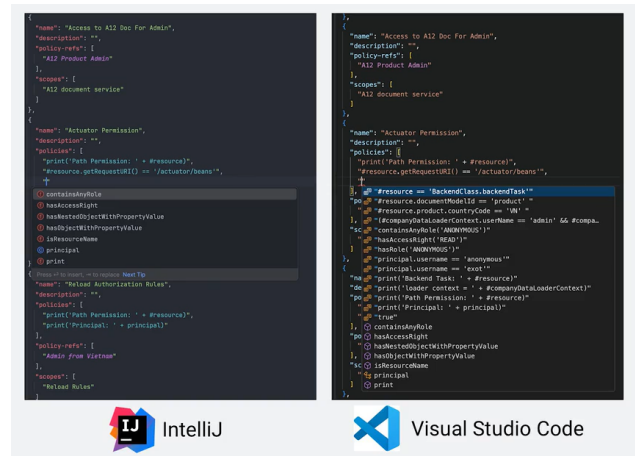
A12 is a platform for developing enterprise applications in complex IT landscapes. It relies on model-driven software engineering (MDSE) and brings the low-code principle to the world of enterprise software. As an open platform, A12 simplifies the integration of best-of-breed solutions and the use of AI at all levels. A12's Modeling Environment provides tools to create and maintain parts of an application over the

long term as independent business logic modules without programming experience. A12's Runtime Platform provides the flexibility needed to evolve business-critical applications with professional individual software development, AI support and system integration into fully integrated enterprise applications.

UAA DEV EXPERIENCE

## More Convenient Editing of Authorization Rules - UAA Plugin for IntelliJ and VS Code

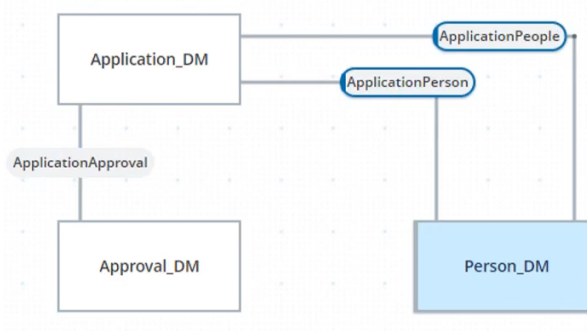
While A12 supports the definition of role-based authorizations directly in the Simple Model Editor, the definition of attribute-based authorizations is the task of the development team. The configuration is done in a JSON file. Great care is required here, as incorrect entries are potentially security-critical. To minimize errors and support developers, UAA uses a plugin for IntelliJ and VS Code. It provides an autocomplete feature for all essential configuration elements, including resource and property authorizations as well as permissions, scopes and policies. In addition, the plugin recognizes syntax errors and supports jumps to definitions. Under the hood, the new helper uses the Language Server Protocol (LSP).



## A12 Workflows Supports Composed Data

The Workflows component of A12 now also supports Composed Document Models (CDMs). This is a concept for more modularized data modelling. CDMs make it possible to use several Document Models in one engine - for example, in a form or an overview. We refer to specific instances of such data as "Composed Data" or "Composed Documents". A12 Workflows now offers full support for this modeling feature. Composed data can be referenced in process models, for example. Fields in task lists can now also originate from different Document Models. CDM support brings Workflows up to the latest level of A12's data modeling capabilities. Other modularization features such as heterogeneity (the processing of data

with the same supertype) and relationships (references to other models) were already supported in earlier releases.



### Vacation Requests (CDM COM)

Please reload the module to display newly created tasks.

[+ NEW VACATION REQUEST \(CDM COM\)](#) Search

First Name ▲	Status of Vacation Request	Duration of Vacation	Assignee
Sarah	Complete	10	<a href="#">CLAIM</a>

Field from Person\_DM (points to Sarah)

Fields from Application\_DM (points to Complete and 10)

## New Interaction Hint Feature Increases Accessibility



When navigating websites, the consequences of interacting with a navigation element or the meaning of an icon are not always intuitive for all users. To improve accessibility in this context, the interaction hint feature has been intro-

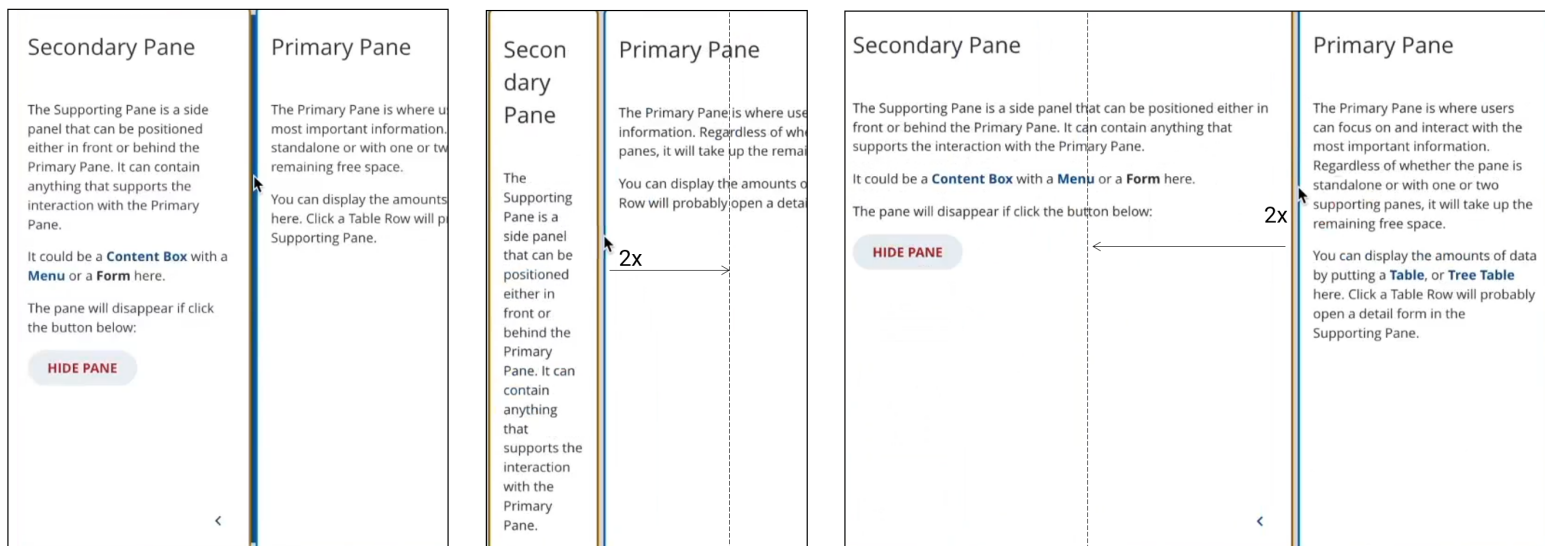
duced. It clearly displays the relevant information of interface elements to users, also supporting the use of screen readers, when using the mouseover function in the browser. The interaction hint function is integrated into various user interface elements, such as buttons, links and wizards. Interaction hints also contain contextual information, such as the number of unread messages when you hover over the associated interactive element, such as the inbox. In addition to the mouseover function, interaction hints can also be triggered by focusing or tabbing over an interactive element.



## Support for Double Click Behavior of Panes Layout

When working in a multi pane setup, it is often convenient for the user to adjust the size of panes, individual segments of the UI, depending on the current activity. A secondary pane might be expanded while the main focus is on the content it provides, or collapsed to make space for the information displayed in the primary pane. If the default sizes of the panes are chosen correctly, however, users will usually quickly find

themselves in a position, where they want to revert to the standard. To make this as easy and convenient as possible, widgets now support double click behavior for expand/collapse. This means if the secondary pane was collapsed or expanded, all that needs to be done to size it according to its default, is double click the Resize Handler.



## More News in a Nutshell

- The **Project Template** introduces two new **logback profiles**. The **“dev” profile** outputs logs in console format. The **production profile (“prod”)** uses JSON to make it easier to feed logs into monitoring tools such as Loki.
- The **documentation** of the **A12 Engines** in GetA12 has been extended and now contains a **detailed list and description** of all supported **actions**.
- The **Notification Center** now supports **Query API integration**, enhanced testing, and improved configuration visibility for more efficient notification management.
- The **A12 Kernel** enhances **date handling** that ensure consistency across time zones and enables more fault-tolerant Document handling when dealing with unknown fields.