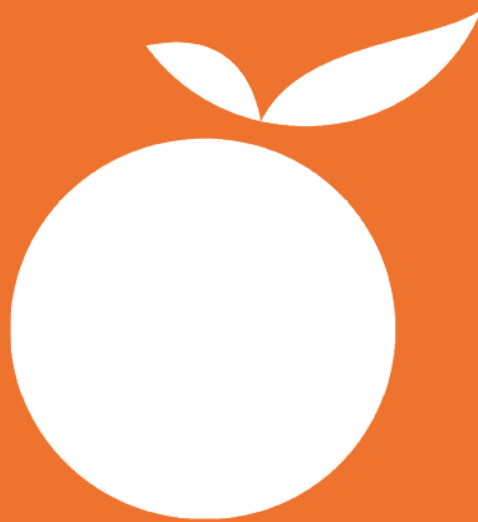


**tts** performance suite

# What's New in Release 2022r2





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## tts performance suite 2022r2

The release 2022r2 of the tts performance suite once again focuses on QuickAccess as the central source of knowledge for your company.

Thanks to the possibility of linking additional search sources in a context-sensitive manner, you can ensure that your users will always find help via QuickAccess even if no explicit content has yet been created for a specific topic. This is made possible by linking to other internal and external search sources, while transferring the context and search terms. The context sensitivity helps to navigate to the right information platform for the respective problem.

Thanks to the possibility of pinning, particularly important information is now displayed even more clearly and presently to ensure that it really reaches all users.

Adding new content has never been easier than now with recording directly from the browser. An additional client installation is now just as unnecessary as a time-consuming download and upload of the document for local editing. Instead, you can see the recording result directly in the Creator within your browser while recording.

Producer users will also clearly notice the innovations of Release 2022r2. When editing HTML5 content, you are now offered a clearer interface where the functions to be used are immediately recognizable. Highlighting objects during recording allows for even more precise and targeted recording.

Numerous improvements and optimizations, as well as new and improved SmartComponents are completing the release. Below you will find an overview of all the new features.

# 1 Content usage

## 1.1 Search in other sources

While functionalities such as the "Bottom Bar" already made it possible in the past to link to external search sources in such a way that the context and manual search terms of the Quick-Access search are passed on, the tts performance suite 2022r2 now makes it possible to design such a link to additional search engines in a context-sensitive manner in order to guide users to additional knowledge sources in an even more target-oriented way.

### 1.1.1 Contextual links

An important tool for the design of context-dependent search links is the possibility to include the context and search terms of QuickAccess as URL parameters in link documents. This means that all search sources that allow parameters to be passed on via URL can be easily integrated into QuickAccess via Curator.

In addition to the various context components consisting of the mandatory context (usually used to identify the current application), the optional context information (providing information about the current mask or the active tab of the target application) and the manually added UserSearchInput, language parameters, i.e. the content language of the logged-in users or the set application language of QuickAccess, can also be used as search parameters. In addition, it is possible to pass on all three context components (Mandatory, Optional and UserSearchInput) bundled via the collective parameter "All".

### 1.1.2 Special search contexts

In order to be able to display context-sensitive links in all conceivable search situations, the tts performance suite 2022r2 introduces special search contexts that can be used to react to different constellations when searching for content.

The new search context #all makes it possible to display a given link document in all search results and to pass on the respective search parameters to another website using the links described in Section 1.1.1. Universal knowledge sources such as Internet search engines can thus be displayed at the end of existing result lists as an additional search option. Since documents with the context #all are displayed even if no further hits exist, at the same time it is prevented that users find empty search results, since at least further search links are always offered.

The context #hasUserSearchInput can be used to specifically address situations in which users have made a manual search input. Since manual search inputs often target company-specific content (such as travel expense forms or contract templates), this context can be used to direct users to additional internal knowledge sources (such as the intranet or a Sharepoint).

The context #other is always used in addition to an existing context if the link document provided with it is still to be displayed when the automatic context search is supplemented and restricted by manual user input. For example, it is possible to link to application-specific help sources without having to enter all use cases of the application individually in the context field.

Documents using the #all, #other or #hasUserSearchInput contexts are automatically assigned to a predefined Performance Support category.

### 1.1.3 Individual icons for search links

In order to clearly highlight the links to other search sources and to give them a higher degree of recognizability, they can easily be provided with individual icons in the Curator.

## 1.2 Pinning of content

Even apart from further search sources, documents or links can be so important in various use cases that they should always be displayed to all users, regardless of the specific application context or search term.

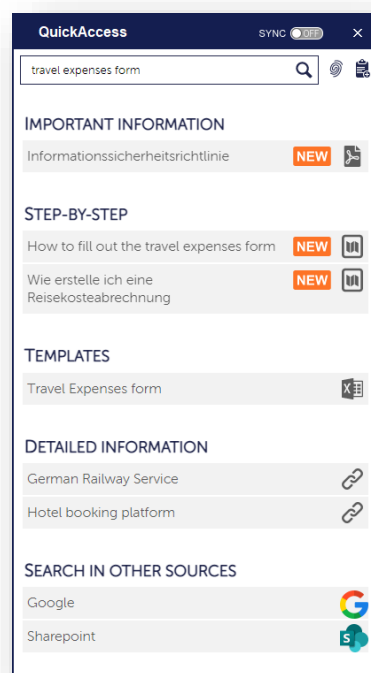


Figure 1: Pinned content and other search sources in QuickAccess

The tts performance suite 2022r2 provides another special search context for this purpose. If you add #pinned to the context of any document or link, it will always be displayed in a separate performance support category, hence in every search result. In this way, for example, important announcements or changes to critical documents can be made clearly visible to all users.

### 1.3 Improved context detection: Extension for Firefox

With the last two releases of the tts performance suite, we already introduced the browser extension for improved context recognition for Google Chrome and Microsoft Edge. This extension is now also available for Mozilla Firefox.

The extension makes it possible to obtain context information beyond the URL and title of the page, enabling more precise context detection, especially for complex web applications.

By integrating the extension directly into the browser, it is also possible to access the HTML code of a web application. The extension then provides the QuickAccess with the information it needs to determine the context, so that it can use the context as usual to provide the appropriate content.

## 2 Creation of content

### 2.1 Start recordings directly from the browser

Using version 2022r2 of the tts performance suite, you can now start the Creator's recorder directly from the browser. The required client components have already been installed with the QuickAccess and open automatically after clicking on "Start Recorder".

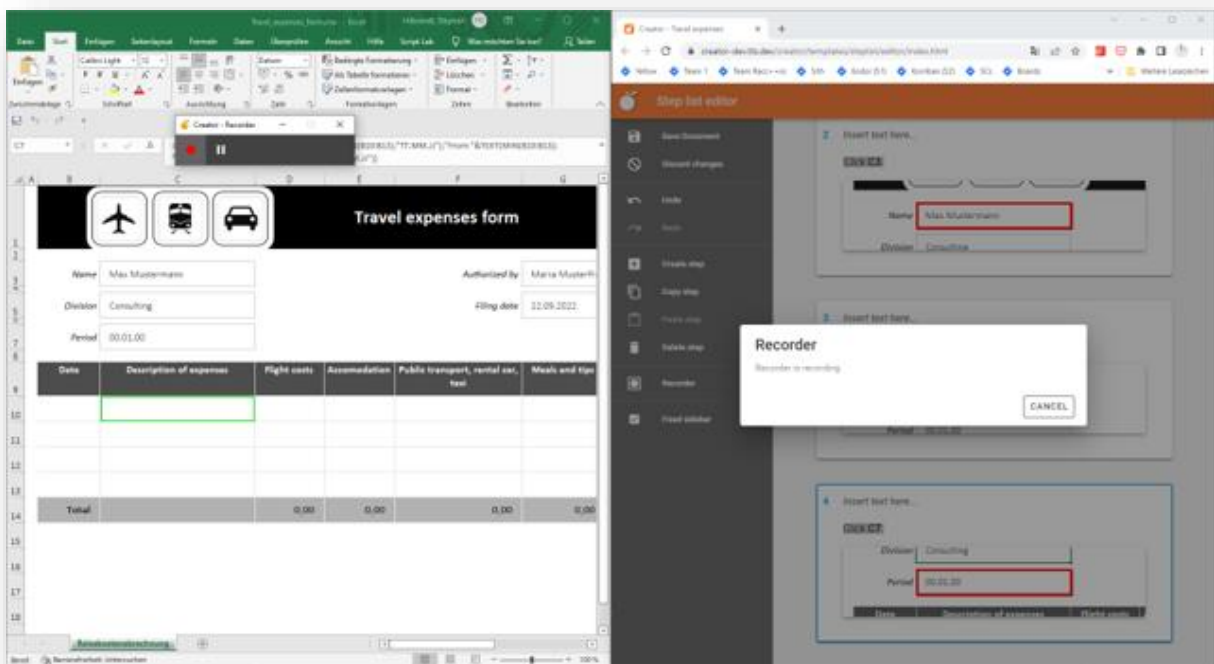


Figure 2: Recording with the Creator

You can then start recording the target application directly. The recorded steps are immediately displayed in the Creator, so that you have the results visible at all times. After closing the recorder, you can conveniently continue editing the document directly in the browser and use it immediately in Curator after saving.

Starting the recorder directly from the browser eliminates the need to first download a Creator document to create a recording, create the recording locally, and then upload it again. All the steps in the process can now be carried out without any further downloading or uploading. The "Open in desktop app" function has consequently been removed, since local opening is now no longer required and the Creator Desktop App is no longer available with Release 2022r2 (see section 2.2).

## 2.2 Unified Creator user interface

Regardless of whether you open the Creator from QuickAccess or Curator - with version 2022r2, the Creator always opens in the default browser. The desktop application, which used to be used in particular when creating documents via QuickAccess, is thus no longer required.

The option of uploading external documents when using the Creator via QuickAccess is implemented in the style of a content template as of version 2022r2 of the tts performance suite. If the user decides to create a new document via QuickAccess, the Creator now initially displays a selection between step-by-step instructions and an external document in the browser window. Depending on the selection made, users are then taken to the appropriate view to create the desired content.

## 2.3 Creator: Informal Autotexts

Autotexts generated with the Creator can now be generated with informal form of address if desired. This can be set via a central attribute in the server settings with validity for all languages that have informal forms of address.

If the informal form of address attribute is set, all autotexts in newly recorded Creator documents are automatically generated in the informal form. Existing documents are updated the next time they are opened for editing, so that they can also be converted to the informal form of address by simply opening them and saving them again.

## 2.4 More clarity for HTML5 content creation

When creating HTML5 documents, it is now easier to have a clear overview of the available functions. Since SmartComponents are used in many places to implement certain functionalities when creating HTML5 content, buttons that are only relevant when creating HTML4 content are now automatically disabled if the document currently being edited is an HTML5 document. This makes it even easier for authors to find the right controls for their particular use case at first glance.

Vice versa, of course, the buttons become equally active again when HTML4 is selected as the publishing format.

## 2.5 Better recording accuracy in Producer

The Producer Recorder now allows you to activate the wellknown highlighters already known from the Creator, which indicate the currently recognized object during the recording process.

This makes it possible to record nested buttons and objects in a target-oriented manner and to ensure the correct result directly during recording. Submenus, especially in web applications, can also be detected even more precisely.

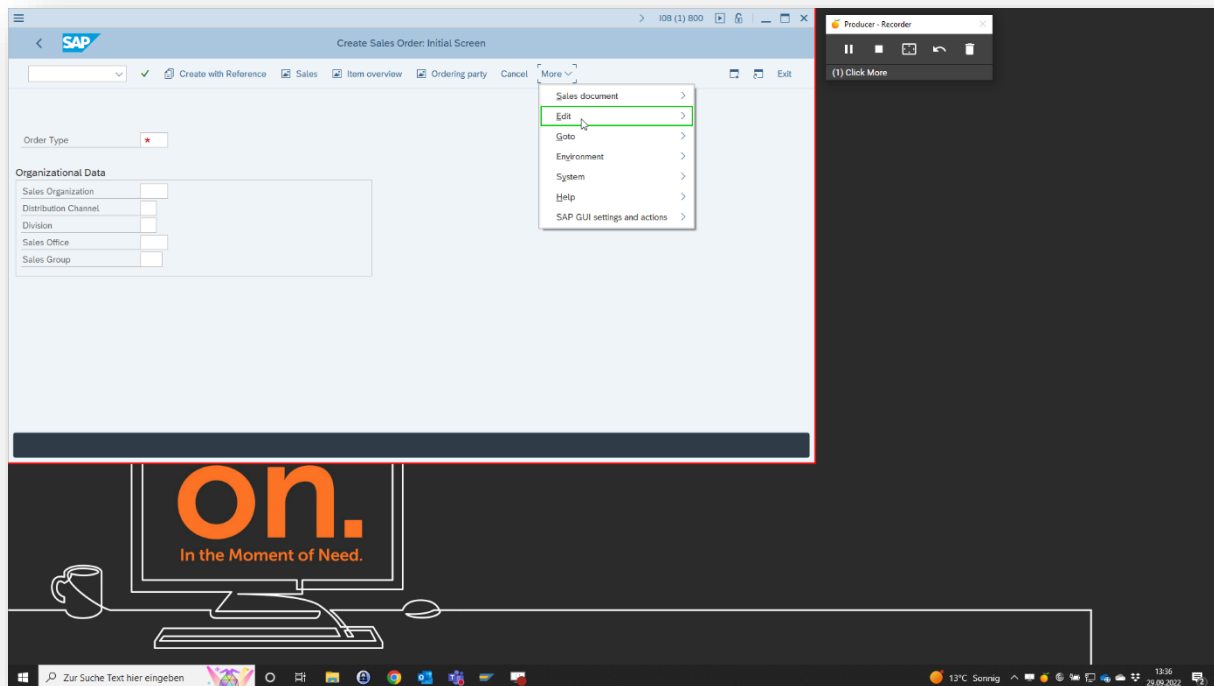


Figure 3: Highlight frame when recording with the producer

## 2.6 New SmartComponents

### 2.6.1 Slider

The Slider SmartComponent can be used to insert a slider that can be used for test questions. In addition to exact answers, this slider also allows the definition of answer ranges, so that it is possible to ask a question where the correct answer must lie within a predefined value range.

As you would expect from SmartComponents, the slider can be visually customized with numerous options and can be used both horizontally and vertically.

The slider is completed by an additional slider trigger component, which makes it possible to react to value changes during the use of the slider and to execute triggers, for example.

### 2.6.2 Improvements to existing SmartComponents

All SmartComponents that can be used for navigation within a course unit, as well as a large number of test question components, have been supplemented with the option of defining the tab order. This defines, when using a screen reader, the order in which the respective components are accessed when the tab key is pressed. Thus, the current SmartComponent library further contributes to improving the accessibility of learning units.



## 3 Miscellaneous

### 3.1 Improved accessibility

In addition to the enhancement of the SmartComponent library already mentioned in Section 2.6.2, the playback of HTML5 content has also been further optimized for accessibility.

Despite already existing standard-compliant markup, some screen readers in the past also recognized and read aloud "invisible" HTML elements on individual e-learning steps during playback. The corresponding markup has now been extended again in tts performance suite 2022r2 so that such elements can now be recognized as "hidden" everywhere and the content can be captured by the screen reader without any problems even in these cases.

### 3.2 Matomo version update

Release 2022r2 of the tts performance suite now also supports the use of Matomo 4 as a tracking platform for the Analytics Dashboard. Instances in the tts Cloud will be updated to this version by tts after release.