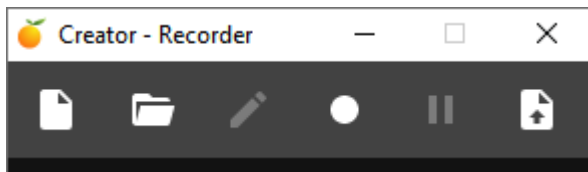# Recording

Here you will find an overview of the "Recording" topic.

1   General Information

If you want to create a learning object with IT content, you can use tts performance suite to record the training material in the original application. This procedure is referred to as **recording**.

A recording can be performed from the **Document Editor** in tts performance suite, but also from the **Creator**.

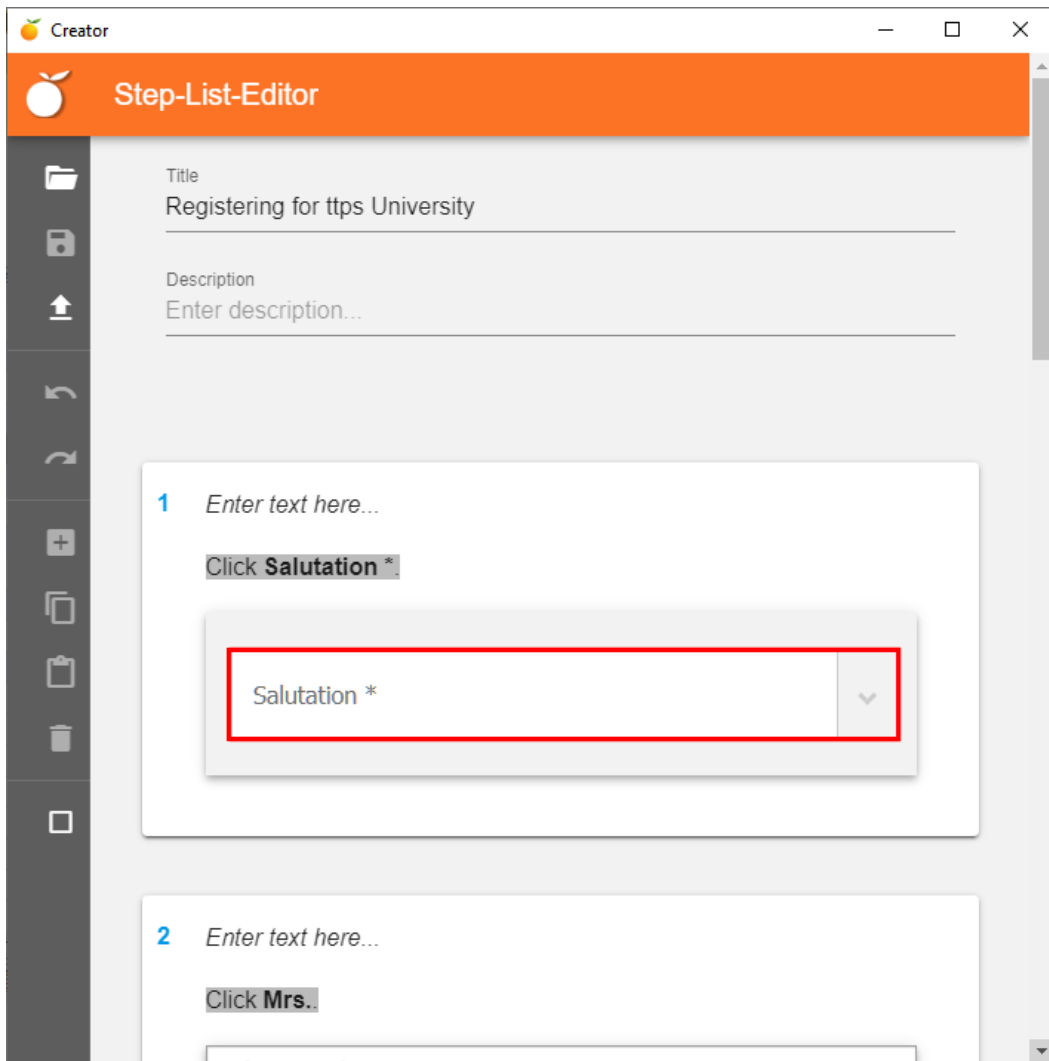## 2   Recording via the Creator

If you want to create step-by-step instructions, you can use the Creator to record the click and input sequence in the original application from within QuickAccess.

When recording via the **Creator**, the screenshots, interaction objects and interaction texts are all created and stored in a document with the file format *.qac. Step-by-step instructions are created from the recorded sequence. These instructions can be uploaded to the Curator as a stand-alone format. The export format is the same as with a guide.

The Recorder in the Creator reads data from the application during the recording and creates the context based on these data. This context is subsequently used in QuickAccess to display the document at just the right time for users.

Here follows an example of a recording in the Creator:

The Steplist Editor depicts the outcome of the recording procedure as an image cutout. The interaction object is enclosed by a red frame. The instruction text is generated automatically.

3   Recording via the Document Editor

When recording via the Document Editor, the screenshots, difference images, interaction objects and interaction texts are all created and stored in a Producer document. This sequence of interactions leads to an e-learning simulation, documentation and step-by-step instructions in the form of a guide.

The Recorder integrated into the Document Editor of tts performance suite records applications in an object-oriented manner. This means that all the recorded application's objects (such as buttons, menus/menu options, checkboxes, radiobuttons, input fields, tree entries, scrollbars etc.) also exist as objects in the resulting e-learning simulation.

The recorded interactions (such as opening a selection list, clicking a particular button, entering text etc.) are also depicted interactively in the e-learning. All

screen areas that cannot be recorded in an object-oriented manner, such as the entire background or unknown/proprietary objects, are stored as a background image. Each interaction usually corresponds to a step in the Producer document following the recording.

The advantage of this lies in the fact that the simulation appears much more authentic to the learner because the objects react to being touched by the mouse and the highlight effects in menus and hyperlinks, tooltips for buttons etc. are therefore displayed exactly as they appear in the original application. Changes to the mouse pointer when objects such as hyperlinks, input fields etc. are touched by the mouse are also simulated.

In just a single step, the recording produces the simulation for the **e-learning**, **documentation** and **guide** media. The texts (and Feedbacks in the e-learning) that are automatically generated during the recording are stored in all 3 media.

 The Recorder settings can be used to specify that the document is automatically saved at the end of the recording in order to prevent the loss of data. This option is activated by default.
If you press the **Print** key on your keyboard during the recording, an additional screenshot will be generated and inserted into the documentation.

The Recorder reads-out the metadata of an application during recording, using them to generate QuickAccess signatures. QuickAccess subsequently uses these signatures to help it determine the recording context – such as a particular dialog – and access an appropriate e-learning, documentation or guide.

3.1 E-learning generated by a recording
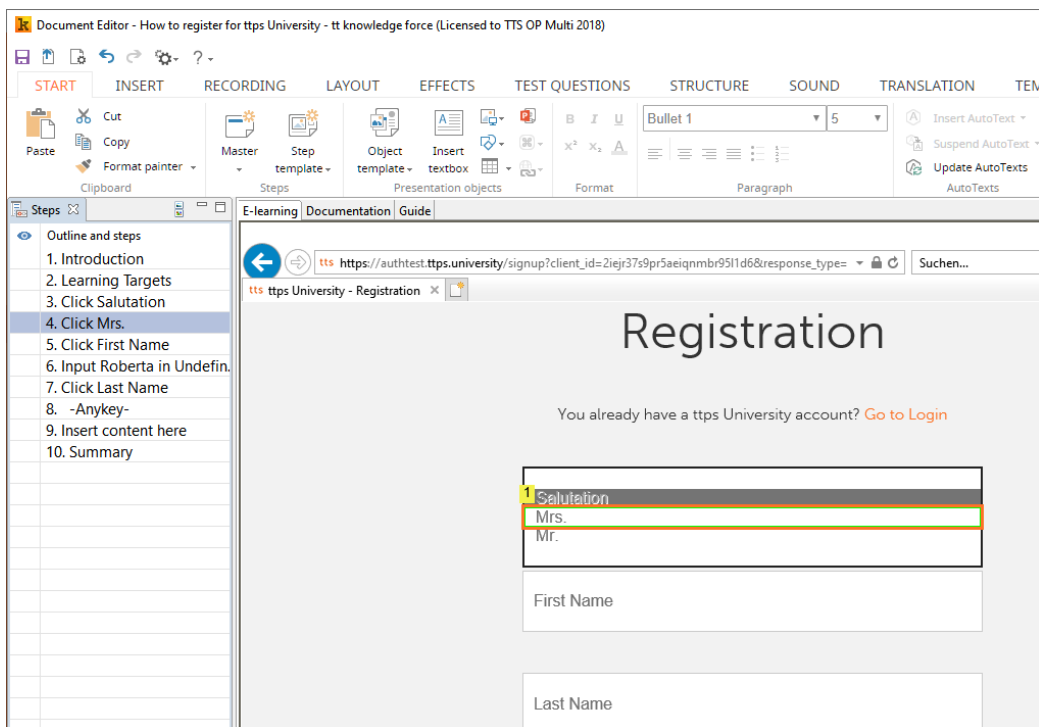
The e-learning, documentation and guide media are immediately available after the recording procedure. You can easily switch from one medium to the other via the tabs of the same name.

The **steplist** is automatically supplemented during the recording. This depicts every interaction performed during the recording as an individual step.

The recorded interactions are explained via automatically generated text (**AutoTexts**) in the comment window. These AutoTexts have a gray background and are therefore easy to recognize. The instructions come with one to three feedback levels which will subsequently help the learner to find the correct solution. The correct solution is graphically highlighted by default when the final feedback is displayed.

AutoTexts are text modules which are stored in the software (in all supported languages) and they are automatically assembled during the recording procedure. These include the type of interaction (click, input, drag&drop etc.) and the interaction object (button, key etc.), for example. AutoText settings can be defined in the **Content** section of the User Preferences.

✎ In the case of recorded steps, the comment text is only displayed in the Study mode by default, but not in the Assessment mode. Should the need arise, this can be changed in the properties of the particular step.

3.2 Documentation generated by a recording
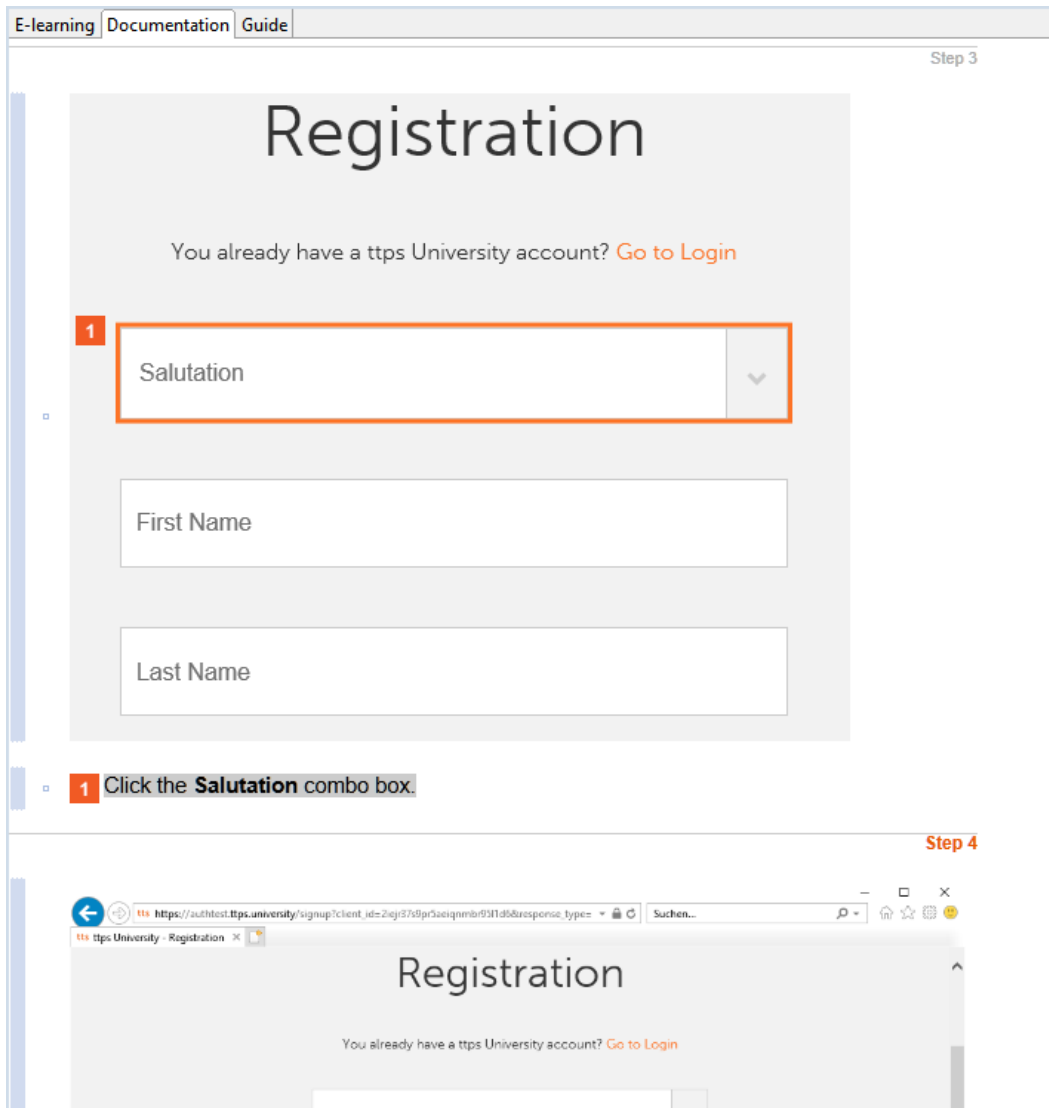
The Documentation view displays the document as continuous text. Outline elements are automatically shown as headings in the documentation.

Depending on the settings in the User Preferences, several interactions can be displayed together on the individual screenshots in the documentation.

💡 You can also merge interactions (steps) if the need arises. To do so, simply select the **Merge screenshot with previous one** command in the context menu of a screenshot.
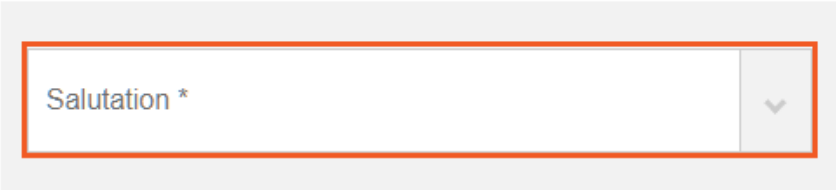
tts

3.3 Guide generated by a recording

[Please enter text here]
[Please enter text here]

[Please enter text here]
Click **Salutation.**

Salutation *

[Please enter text here]
Click **Mrs..**

Salutation *

Salutation *
Mrs.
Mr.

[Please enter text here]
Enter **Roberta** into the **First Name** field.

First Name *

[Please enter text here]
Click **Last Name.**

The Guide view depicts the outcome of the recording procedure as an image cutout. The interaction object is enclosed by a red frame. The instruction text is generated automatically.