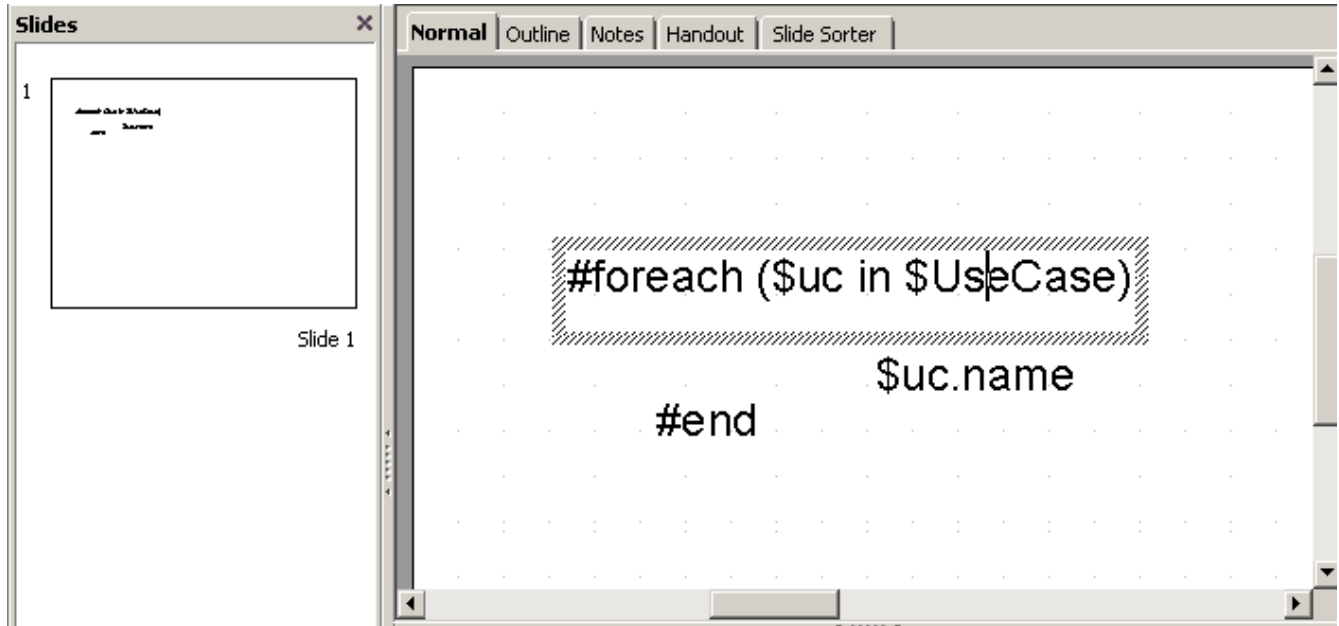# OpenDocument presentation

A presentation document is a special document template. This template does not contain a content order. The text content used within this document is inserted inside a text box. A text box is an image structure (An image structure keeps the position of each image in x, y coordinates).
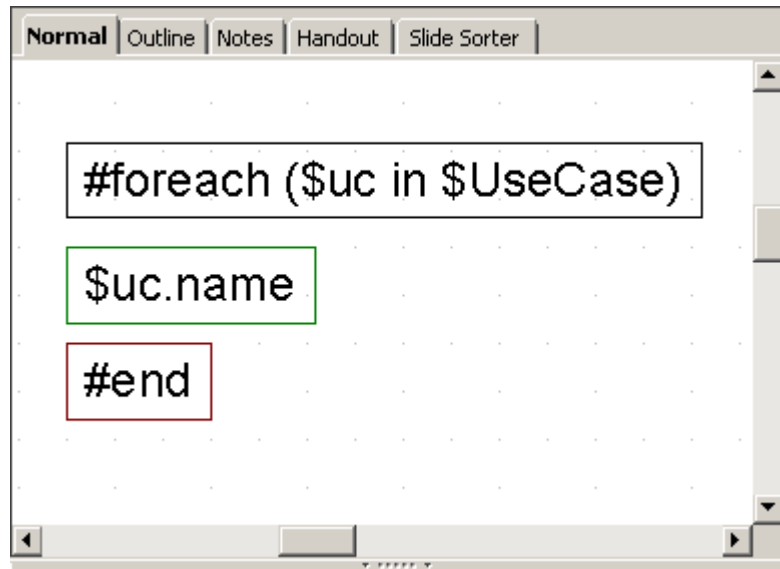
You can change the position of a Text box. You can also place Text boxes in the same positions as others, see figure below.

A sample of ODP Template.

Using the same concept as *ODS*, all multi-line directives such as #if-#else-#elseif, #foreach, and #macro must be used under conditions.
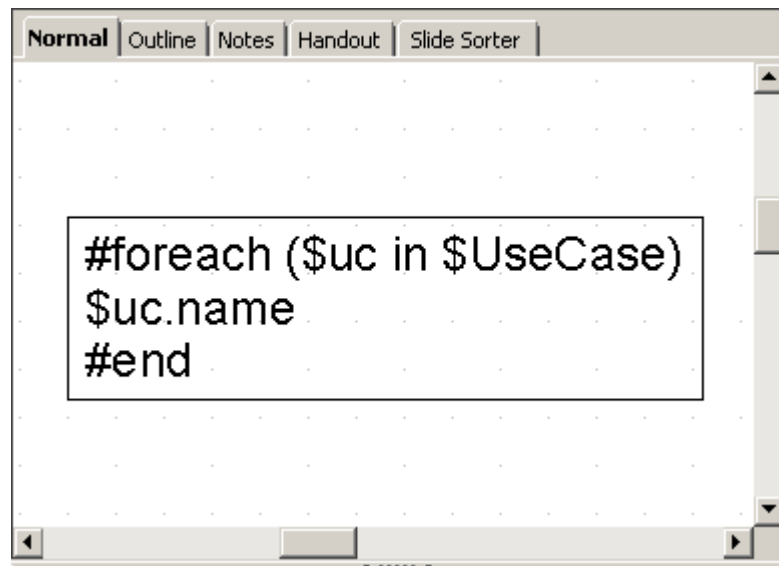
- The beginning and ending statements must be declared within a single text box. The figure below shows the sample of invalid usage of the multi-line #foreach statement between the text boxes.

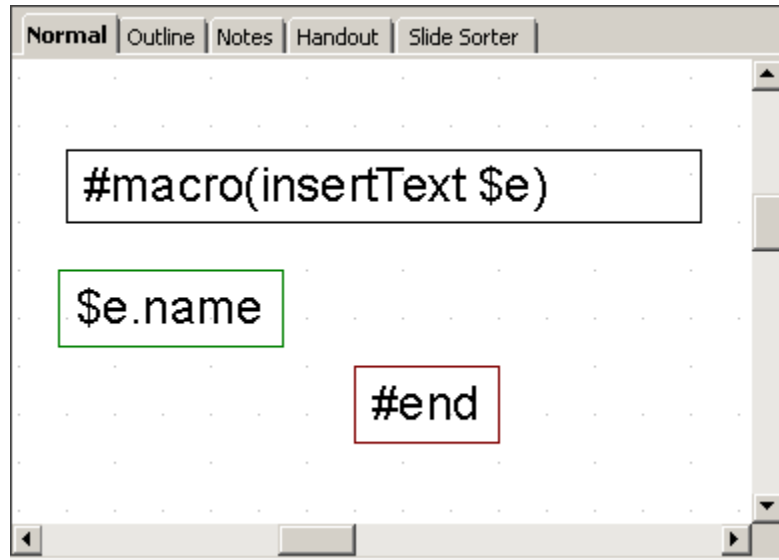Invalid Usage of Multiline Statement in ODP.

Since the *ODP* template does not provide the statement order, the template will not be interpreted in the order of the displayed images. For example, $uc.name may not be processed after #foreach($uc in $UseCase) has been completed.

The figure below shows the sample of valid usage of the **#foreach** statement.
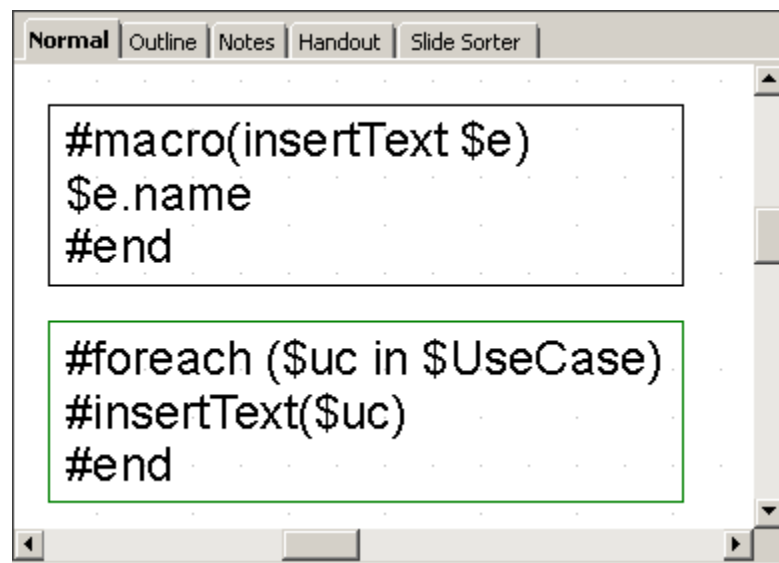
A sample of valid usage of the foreach statement.

- A *VTL* Macro must be declared within a single text box. Do not insert the multi-cell recorded macros in a single text box as shown in figure below.
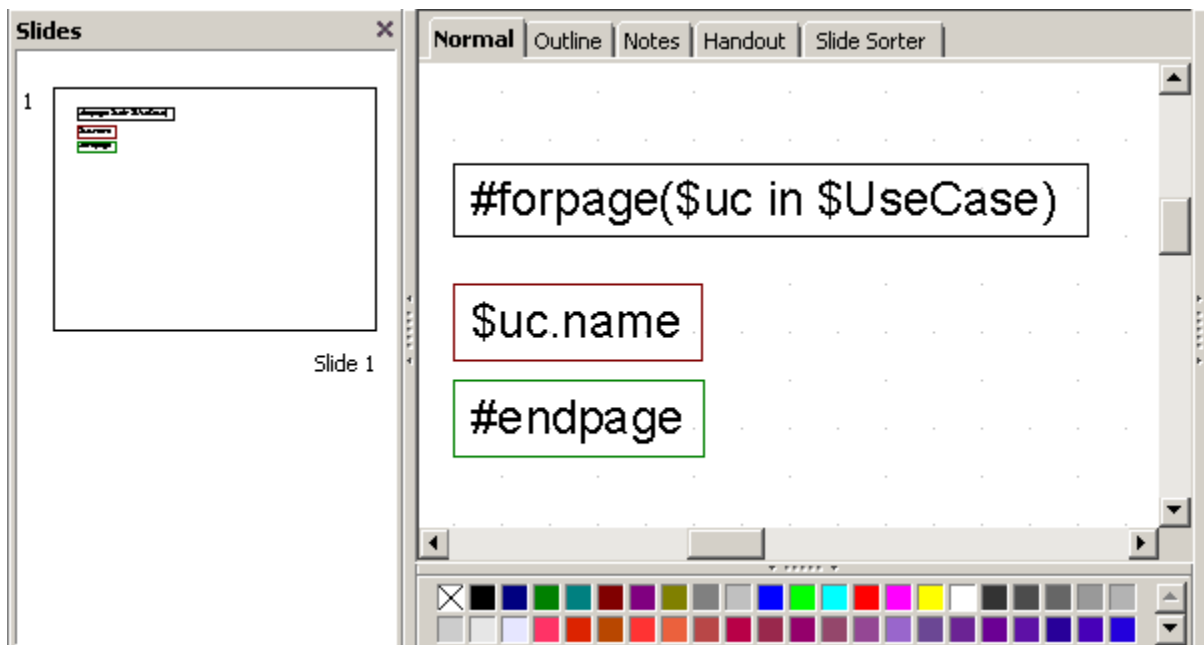

Invalid Usage of Macro Statement in ODP.

The text box does not have a sequence order; therefore, macros cannot record any content between the text boxes, see figure below.
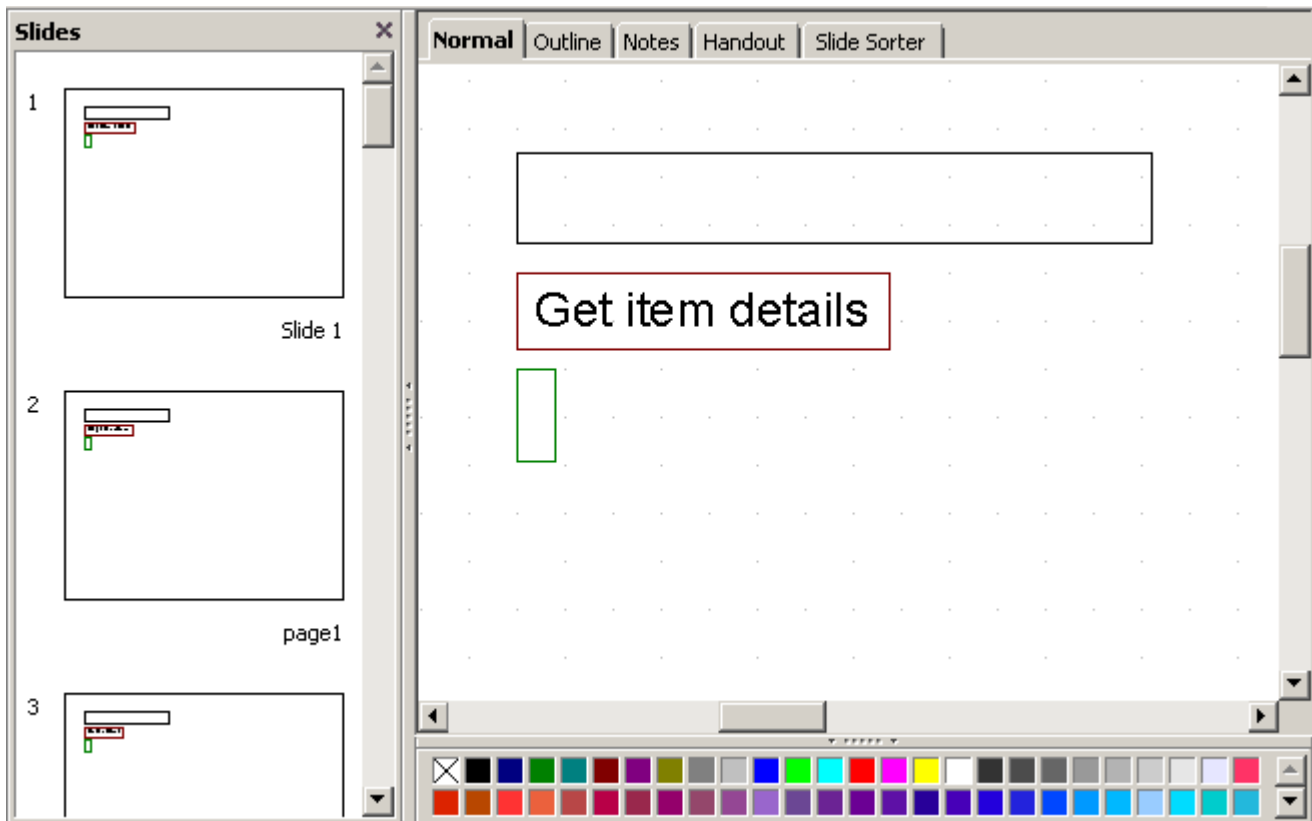
Valid Usage of Macro Statement in ODP.

Creating Data for Multiple Slides

ODP uses the **#forpage** directive to create a slide for each data. The **#forpage** directive does not contain any order. You can use **#forpage** and **#endpage** in any text boxes. All directives on the slide will be included within the **#forpage** statement, see figure below.

A sample usage of the forpage directive.

The output from the code, shown in figure below, is an ODP with a single use case name for each slide.
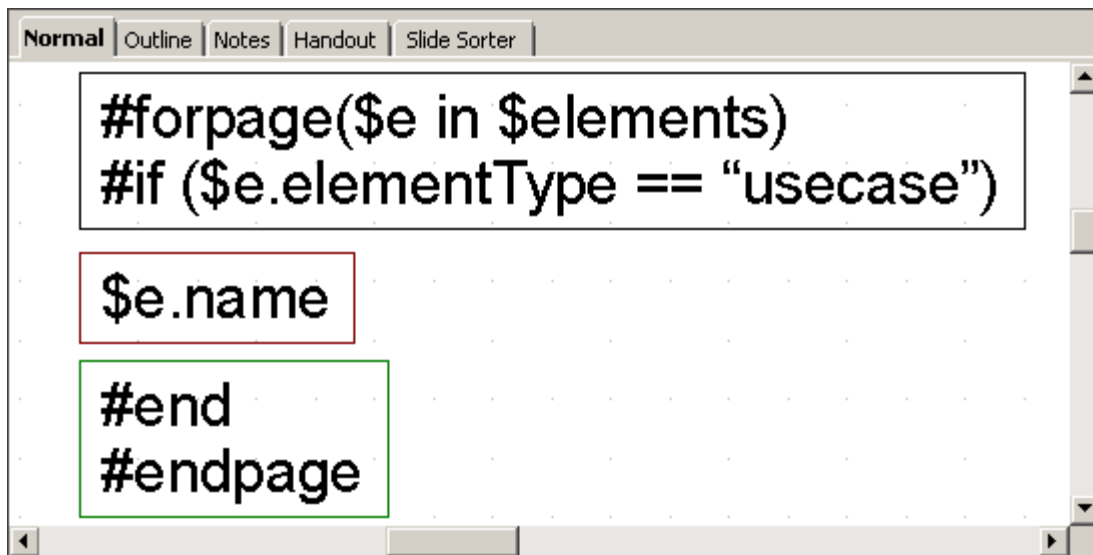
The result of running the code from the figure above.

For more samples of *ODP* reports, see the "Other Document" template.
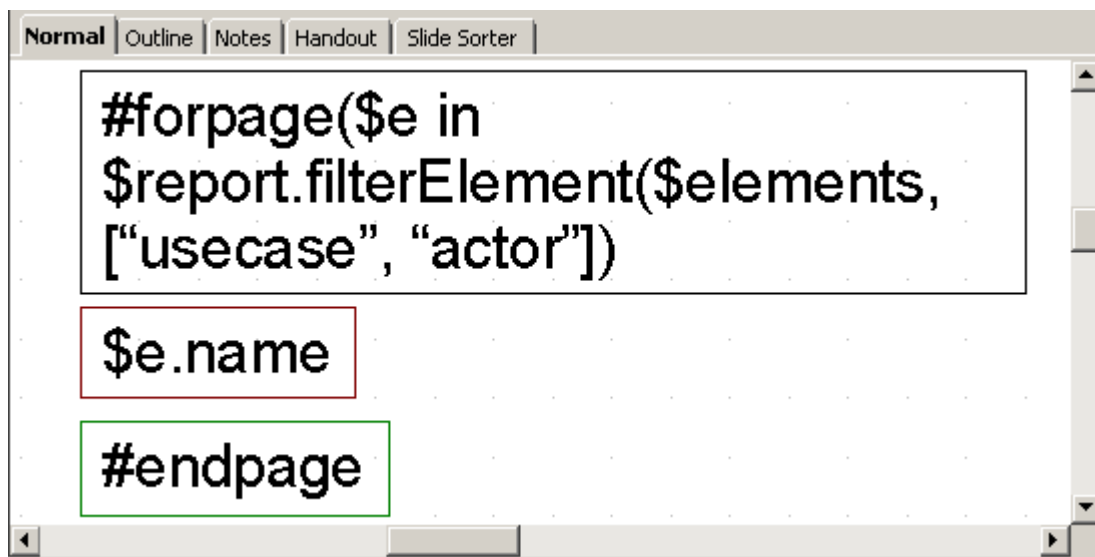
Creating Page with Conditions

The *ODP* directive does not provide any statement order; therefore, the #if directive will not be attached to the #forpage statement, as shown in figure below.

A sample of Looping with Condition in General Style.

The codes in the figure above may not produce the report exactly as expected. #forpage automatically covers all directives in the current page without any statement order. Therefore, the #if directive may not be interpreted after #forpage.

To solve this problem you can use the $report.filterElement($elements, $types) method. This helper method provides the element filter for the specified type. The codes are shown in the figure below:

A sample of Looping with Conditional Filter.

For more details on $report.filterElement($elements, $types), see Section *Helper tools*.