



LibreOffice
Community



Getting Started Guide

Chapter 6

Getting Started with Impress

Presentations in LibreOffice

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Feedback

Please direct any comments or suggestions about this document to the Documentation Team's mailing list: documentation@global.libreoffice.org

Note

Everything sent to a mailing list, including email addresses and any other personal information that is written in the message, is publicly archived and cannot be deleted.

Publication date and software version

Published June 2021. Based on LibreOffice 7.1 Community.
Other versions of LibreOffice may differ in appearance and functionality.

Using LibreOffice on macOS

Some keystrokes and menu items are different on macOS from those used in Windows and Linux. The table below gives some common substitutions for the instructions in this document. For a detailed list, see the application Help.

<i>Windows or Linux</i>	<i>macOS equivalent</i>	<i>Effect</i>
Tools > Options menu selection	LibreOffice > Preferences	Access setup options
Right-click	<i>Control</i> +click or right-click depending on computer setup	Open a context menu
<i>Ctrl</i> (Control)	⌘ (Command)	Used with other keys
<i>F11</i>	⌘+T	Open the Styles deck in the Sidebar

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What is Impress?

Impress is the presentation (slide show) program included in LibreOffice. Impress creates presentations in the ODP format, which can be opened by other presentation software or can be exported in different presentation formats.

You can create slides that contain many different elements, including text, bulleted and numbered lists, tables, charts, and a wide range of graphic objects such as clipart, drawings, and photographs. Impress also includes a spelling checker, a thesaurus, and styles for drawings, text, and backgrounds.

This chapter introduces some features of Impress and does not attempt to cover all of the features available in Impress that can be used to create presentations. See the *Impress Guide* and LibreOffice Help for more information.

To use Impress for more than very simple slide shows requires some knowledge of the elements which the slides contain. Slides that contain text use styles to determine the appearance of that text. Creating drawings in Impress is similar to the Draw component of LibreOffice. For more information, refer to Chapter 3, Using Styles and Templates, and Chapter 7, Getting Started with Draw, in this guide. It is recommended to consult the *Draw Guide* for more details on how to use the drawing tools.

Starting Impress

Start Impress using any of the methods described in Chapter 1, Introducing LibreOffice. The main Impress window opens and, by default, the Select a Template dialog (Figure 1) is displayed.

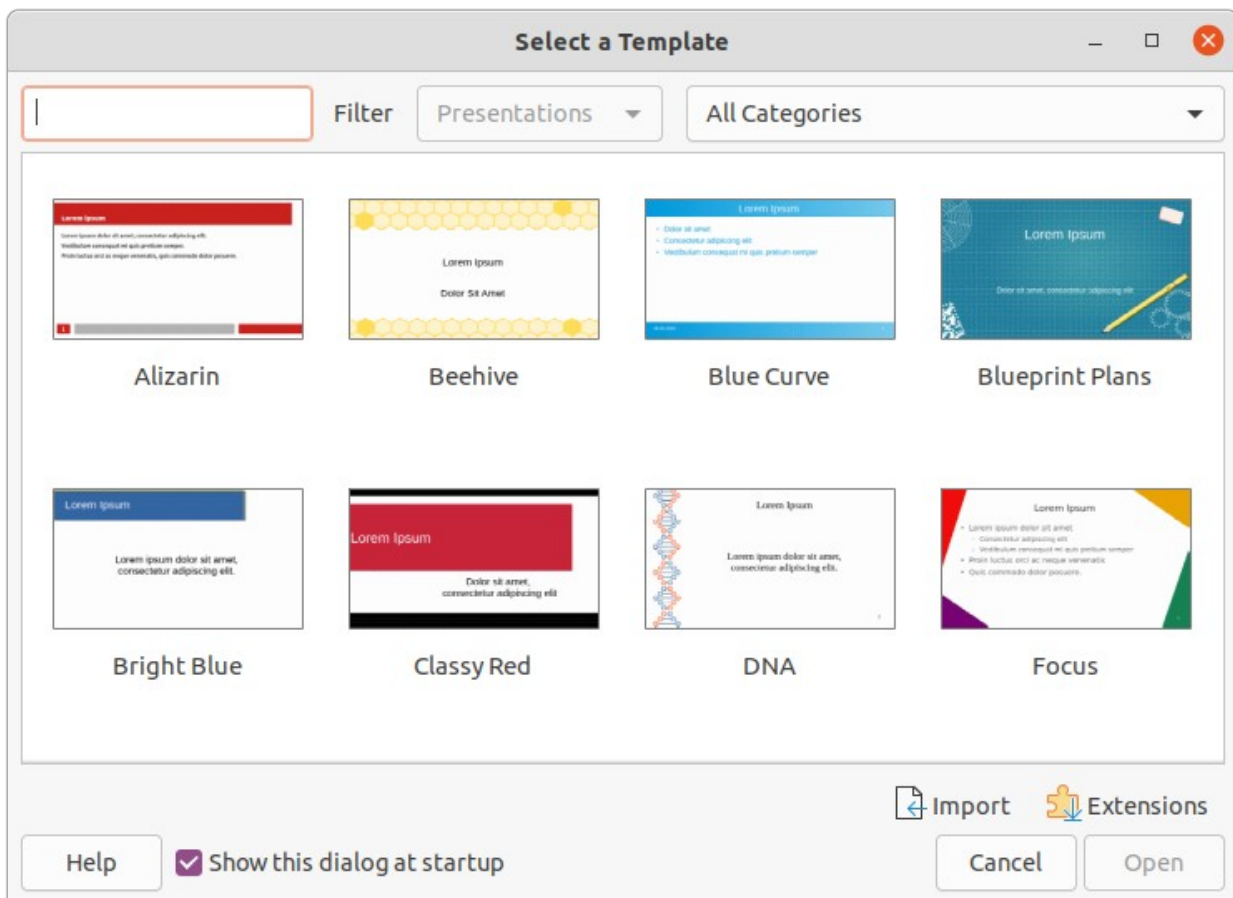


Figure 1: Select a Template dialog

Templates included with Impress are designed to fit the two standard sizes of presentation slides: 4:3 and 16:9 ratios. However, templates will adapt to other available sizes, which can be selected by going to **Slide > Properties > Paper Format** on the Menu bar or *Format* in the Slide panel in the Properties deck on the Sidebar.

Tip

To start Impress without the Select a Template dialog, deselect *Show this dialog at startup* in the lower left of the dialog.

In Windows or Linux, go to **Tools > Options > LibreOffice Impress > General** on the Menu bar and deselect *Start with Template Selection* under **New Document**.

In macOS, go to **LibreOffice > Preferences > LibreOffice Impress > General** on the Menu bar and deselect *Start with Template Selection* under **New Document**.

Main Impress window

The main Impress window (Figure 2) has three main sections: Slides pane, Workspace, and Sidebar. At the top is the Menu bar and toolbars. Toolbars can be displayed, hidden, locked in position, or floating during the creation of a presentation.

Tip

You can close the Slides pane or Sidebar by clicking the X in the upper right corner of each pane or go to **View > Slides Pane** or **View > Sidebar** on the Menu bar to deselect the pane. To reopen a pane, select **View > Slides Pane** or **View > Sidebar** on the Menu bar.

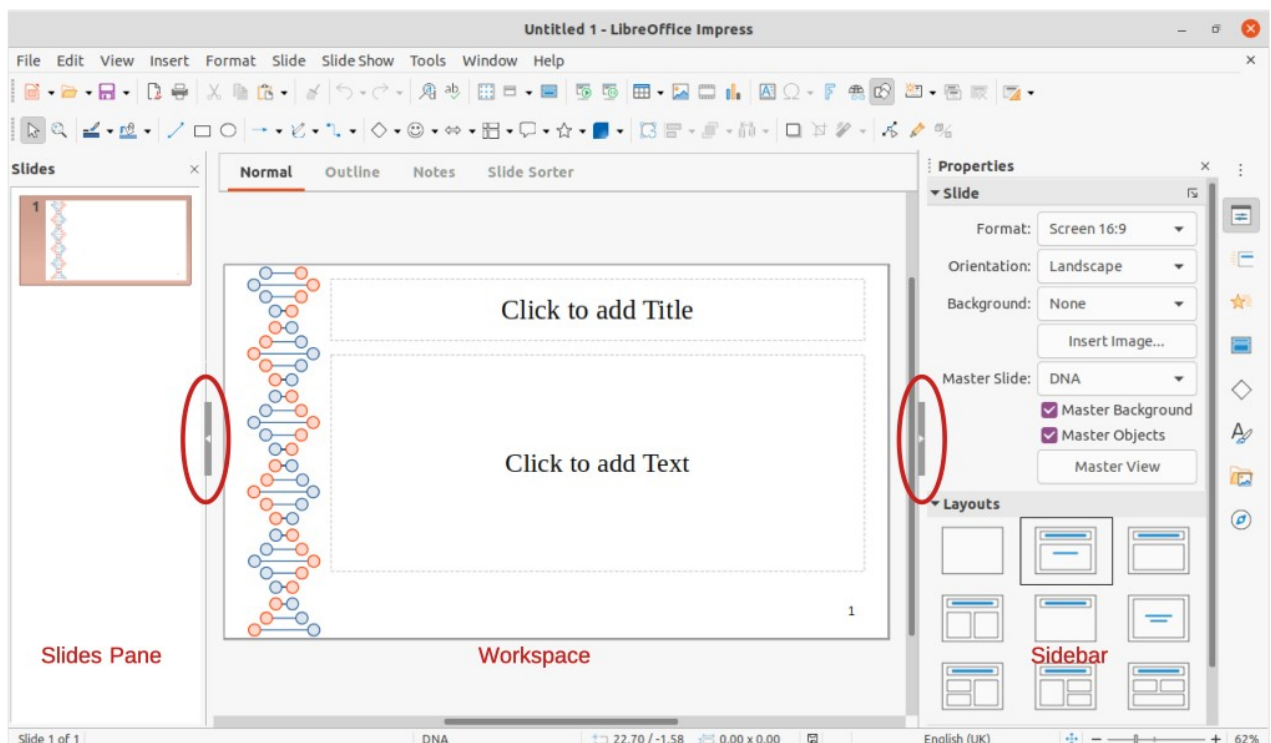


Figure 2: Impress main window

Tip

To maximize the Workspace area, click on the **Hide/Show** marker in the middle of the vertical separator line (highlighted in Figure 2). Using the **Hide/Show** marker hides, but does not close, the Slides pane or Sidebar. To restore a pane, click again on its **Hide/Show** marker.

Menu bar

The Impress Menu bar, at the top of the main window, provides several menus common to all LibreOffice modules. In each LibreOffice module, the commands may differ for File, Edit, View, Insert, Format, Tools, Window, and Help. Impress has two extra menus for Slide and Slide Show. When a menu item is selected, a submenu drops down to show commands. The Menu bar can be customized; see Chapter 14, Customizing LibreOffice.

Workspace

The Workspace (normally the center of the main window) opens in Normal view. It has four standard views of Normal, Outline, Notes, and Slide Sorter. These views are selected using tabs at the top of the Workspace. For more information, see “Workspace views” on page 12.

Slides pane

The Slides pane contains thumbnail images of slides in a presentation in the order in which the slides are shown. Clicking on a slide image in the Slides pane selects it and places the slide in the Workspace where you can make changes to the displayed slide.

- To display or close the Slides pane, go to **View > Slides Pane** on the Menu bar.
- To close the Slides pane, click on the **X** in the right top corner of the Slides Pane.
- To display or hide the Slides pane, use the **Hide/Show** marker on the left of the Workspace.

You can carry out several additional operations on one or more slides in the Slides pane. These additional operations are available from a context menu when you right-click in the Slides pane.

- Add new slides to a presentation.
- Hide a slide so that it will not show in a presentation.
- Delete a slide from a presentation.
- Rename a slide.
- Duplicate a slide (copy and paste).
- Move a slide to another position in the slide order by dragging and dropping it to the desired position.

You can also carry out the following operations, although there are more efficient methods than using the Slides pane:

- Change the slide transition following the selected slide or after each slide in a group.
- Change the sequence of slides in the presentation.
- Change the slide design.
- Change slide layout for a group of slides simultaneously.

Sidebar

The Impress Sidebar, normally located on the right side of the Workspace, is similar to the Sidebar in the other LibreOffice modules. It consists of seven decks, as described below. To open a deck, use one of the following methods:

- Click on its icon on the right side of the Sidebar.
- Click on **Sidebar Settings** at the top of the Sidebar and select a deck from the drop-down list.
- Go to **View** on the Menu bar and select the deck required from the drop-down menu.

Properties

The Properties deck has nine panels, allowing you to change the slide layout and format any objects on a slide.

- When a slide is selected and appears in the Workspace, the Properties deck opens with the *Slide* and *Layouts* panels available.
- When an object on a slide is selected, the Properties deck has the following panels available: *Character*, *Paragraph*, *Area*, *Lists*, *Shadow*, *Line*, and *Position and Size*.

Slide transition

The Slide Transition deck provides a selection of slide transitions available in Impress, transition speed, automatic or manual transition, and how long a selected slide is shown (automatic transition only). See “Slide transition” on page 44.

Animation

The Animation deck provides an easy way to add, change, or remove animations to different elements or objects on a slide and how they appear during a slide show. See “Animation effects” on page 46.

Master slides

Using the Master Slides deck, you can select the slide design for a presentation. Impress includes several designs of master slides. The default master slide is blank, but the remaining master slides have backgrounds and styled text. See “Working with master slides” on page 30.

Styles

On the Styles deck, you can apply drawing and presentation styles to a selected object, create new styles for drawing and presentation, and modify both types of styles. When you save changes to a style, the changes are applied to all of the elements formatted with that style in the presentation. See “Styles” on page 30.

Gallery

On the Gallery deck, you can insert an object into a presentation either as a copy or as a link. A copy of an object is independent of the original object. Changes to the original object have no effect on the copy. A link remains dependent on the original object. Changes to the original object are also reflected in the link. See the *Impress Guide* for more information.

Navigator

The Navigator deck displays all objects contained in a presentation. It provides a convenient way to move between slides in a presentation or select an object on a slide. It is recommended to give slides and objects in a presentation meaningful names so that you can easily identify them when using the Navigator. See the *Impress Guide* for more information.

Rulers

Rulers are positioned on the upper and left-hand sides of the Workspace. If they are not visible, go to **View > Rulers** in the Menu bar. The rulers show the size of a selected object on the slide using double lines (highlighted in Figure 3). You can also use the rulers to manage object handles and guide lines when positioning objects.

To change the measurement units of the rulers, right-click on a ruler and select the measurement unit from the drop-down list, as shown in Figure 4 for the horizontal ruler. The horizontal and vertical rulers can be set to different measurement units.

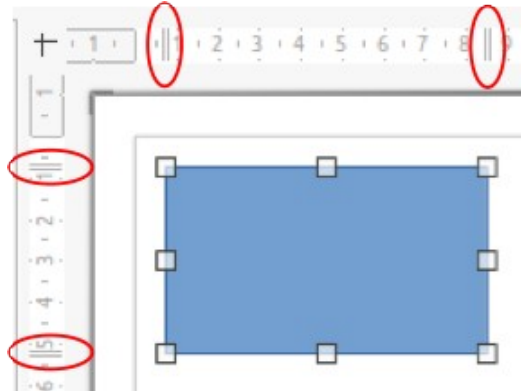


Figure 3: Rulers showing object size

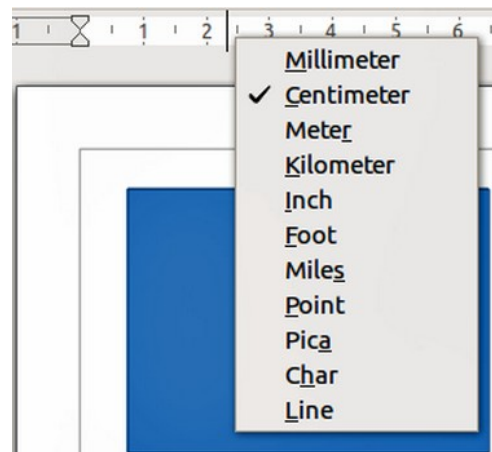


Figure 4: Changing ruler units

✓ Note

The sizes are given in the current measurement unit and might not be the same as the ruler units. The measurement unit on the Status bar is defined in **Tools > Options > LibreOffice Impress > General**.

Status bar

The Status bar (Figure 5), located at the bottom of the Impress window, contains information that may be useful when working on a presentation. Several of the fields are the same as those in other components of LibreOffice. Some Impress-specific fields are described briefly below.

For details on the contents and use of these fields, see Chapter 1, Introducing LibreOffice, in this guide and the *Impress Guide*. To hide the Status bar, go to **View** on the Menu bar and deselect **Status Bar**.

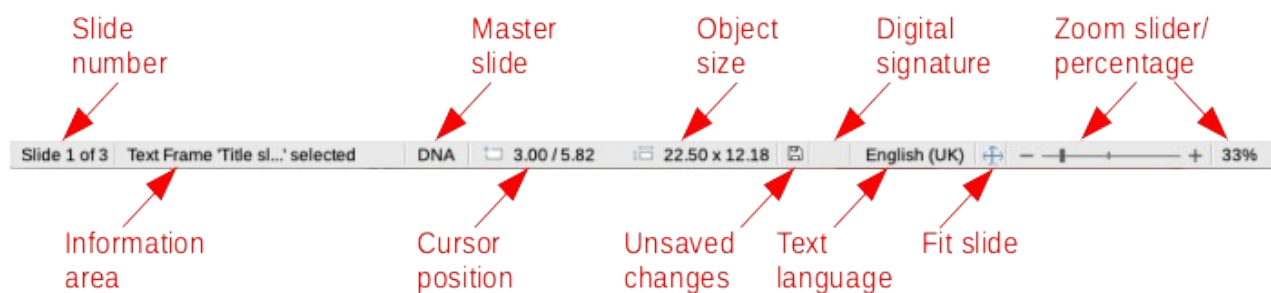


Figure 5: Status bar

Information area

This changes depending on the object selected on the slide. Examples are shown in Table 1.

Table 1: Examples of information

Example selection	Examples of information shown
Text area	Text Edit: Paragraph x, Row y, Column z
Charts, spreadsheets	Embedded object (OLE) "ObjectName" selected
Graphics	Bitmap with transparency selected

Master slide name

The master slide associated with the slide or notes page currently displayed in the Workspace. Right-click to pop up a list of available master slides and select one to apply it to the selected slide. See "Working with master slides" on page 30 and the *Impress Guide*.

Cursor position/Object size

Shows different information depending on whether objects are selected or not.

- When no object is selected, the position numbers show the current position (X and Y coordinates) of the mouse cursor.
- When an object is selected and being resized with the mouse, the object size numbers show the size of the object (width and height).
- If an object is selected, the position numbers shows X and Y coordinates of the upper-left corner and the object size number pair displays the size of the object. These numbers do not relate to the object itself, but to the selection outline, which is the smallest possible rectangle that can contain the visible parts of the object.
- When an object is selected, clicking in either of these areas opens the Position and Size dialog.

Fit slide

When this icon is clicked on, the slide in the workspace zooms to fit in the Workspace.

Toolbars

Many toolbars can be used during slide creation. To display or hide them, go to **View > Toolbars** on the Menu bar and select from the submenu. For more information on toolbars and how to use them, see Chapter 1, *Introducing LibreOffice*, and the *Impress Guide*.



Note

The icons used on toolbars vary depending on the computer operating system and the selection of icon size and style in **Tools > Options > LibreOffice > View**.

Workspace views

The Impress workspace has four standard views selected using tabs: **Normal**, **Outline**, **Notes**, and **Slide Sorter**. These tabs are normally displayed at the top of the Workspace. If the tabs are not displayed, then go to **View > Views Tab Bar** on the Menu bar. You can also select different workspace views by going to **View** on the Menu bar and selecting a view from the drop-down menu. Each of the workspace views is designed to ease the completion of certain tasks.

✓ Note

Each workspace view displays a different set of toolbars when selected. To customize these toolbar sets, go to **View > Toolbars** on the Menu bar, then check or uncheck the toolbars you want to add or remove.

Normal view

Normal view is the main view for creating individual slides in a presentation. In Normal view you can design and add slides, add and format any text or graphics, and add any animation effects to text or graphics.

To place a slide in Normal view of the Workspace, either click on the slide thumbnail in the Slides pane or click on the slide name in the Navigator.

Outline view

Outline view (Figure 6) contains all the slides of the presentation in their numbered sequence. It shows topic titles, bulleted lists, and numbered lists for each slide in outline format. Only the text contained in the default text boxes in each slide is shown. If you have added text boxes or graphic objects to the slides, then these objects are not displayed. Slide names are not included.

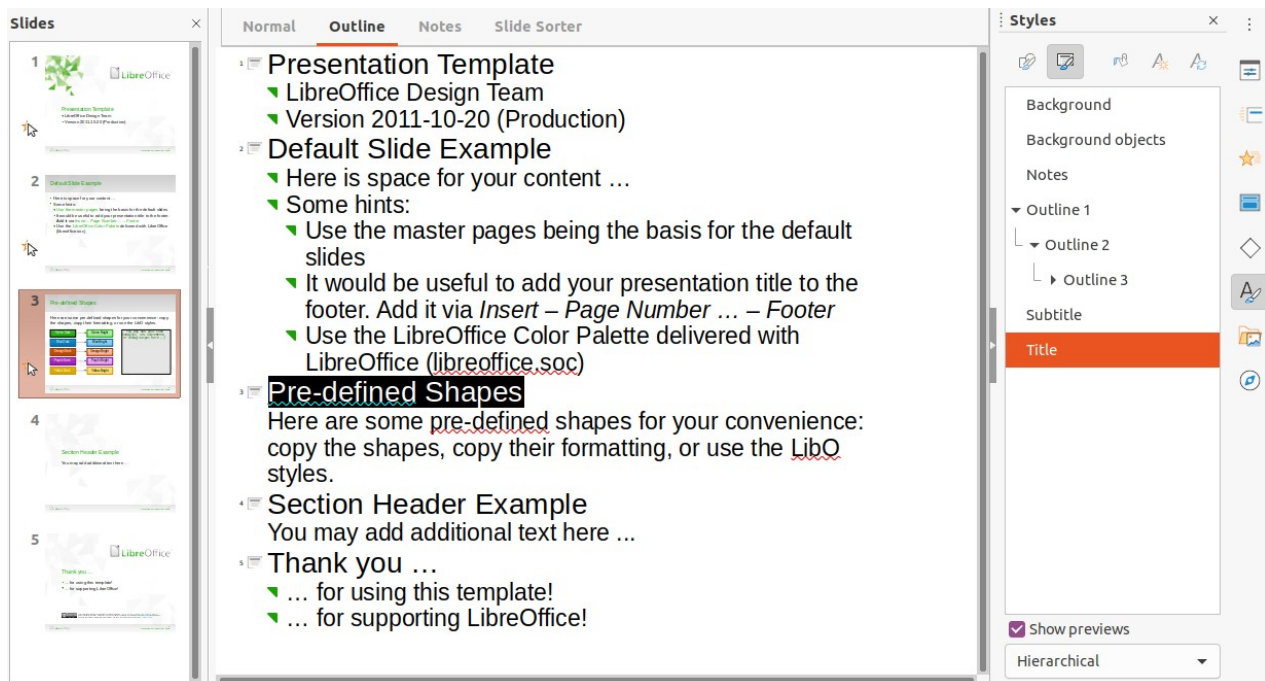


Figure 6: Example of Outline view in Workspace



Figure 7: Outline toolbar

- Use Outline view for the following tasks:
 - Make changes in the text of a slide:
 - Add or delete text in a slide as in Normal view.
 - Move a paragraph in a slide up or down by using the movement arrows on the Outline toolbar (Figure 7).
 - Change the outline level of a paragraph in a slide using the left and right arrow buttons on the Outline toolbar.
- Compare slides with in an outline. If it is noticed in an outline that another slide is required, create it directly in Outline view, or return to Normal view to create it.

Notes view

Use Notes view (Figure 8) to add notes to a slide. These notes are not seen when the presentation is shown to an audience using an external display connected to a computer. Click on the words *Click to add Notes* and begin typing.

You can resize the *Click to add Notes* text box using the resizing handles which appear when you click on the border of the box. You can also move or change the size of the box by clicking and dragging on the box border.

When text is inserted in the *Click to add Notes* text box, it is automatically formatted using the predefined *Notes* style that is in Presentation Styles in the Styles deck on the Sidebar. You can format the *Notes* style to suit the presentation. For more information on editing styles, see Chapter 3, Styles and Templates, in this guide and the *Impress Guide*.

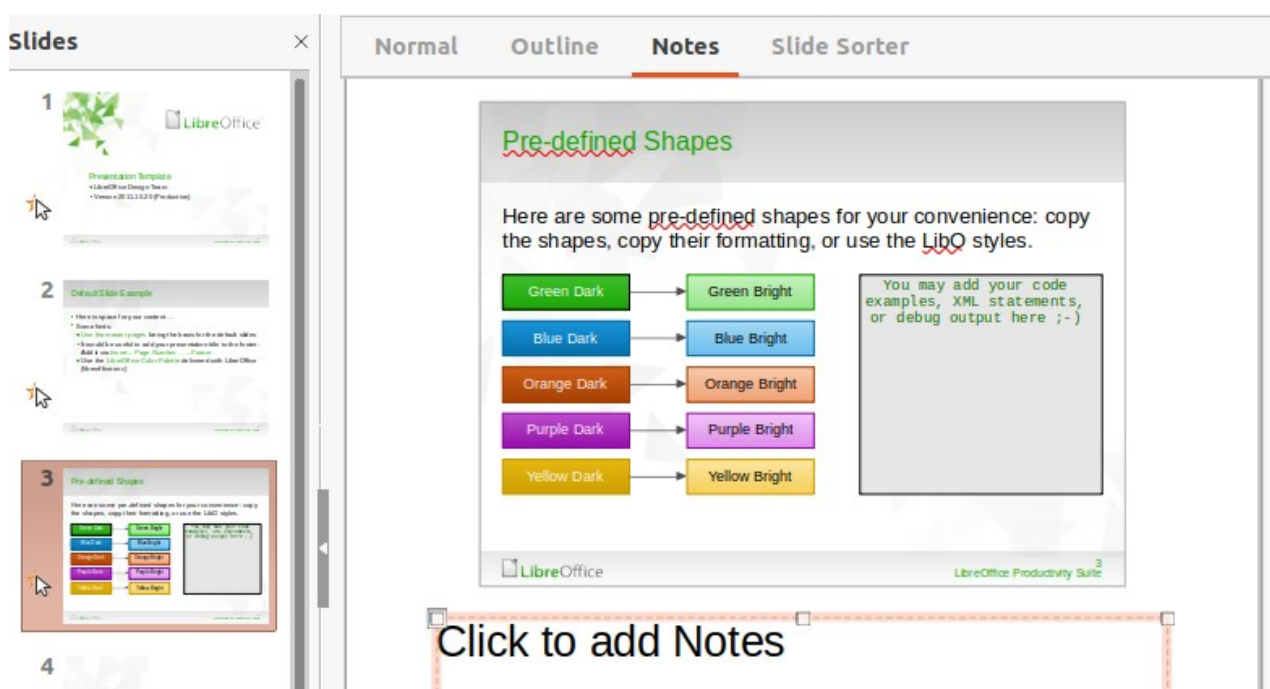


Figure 8: Example of Notes view in Workspace

Slide sorter view

Slide Sorter view (Figure 9) contains all the thumbnails of slides used in a presentation. Use this view to work with one slide or a group of slides.

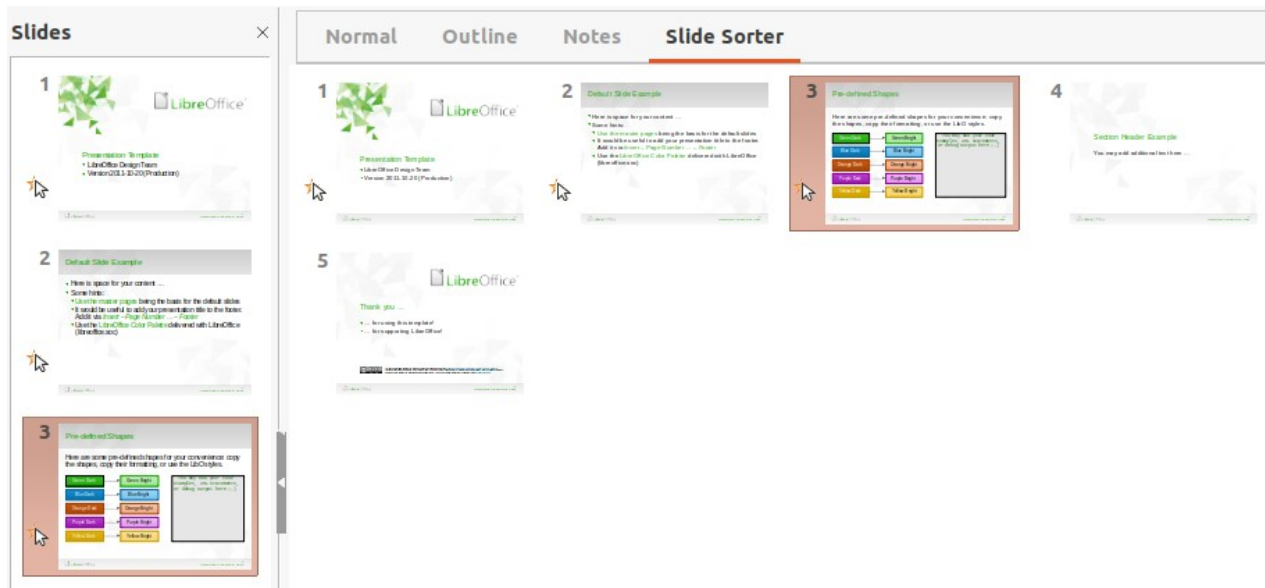


Figure 9: Example of Slide Sorter view in Workspace

Customizing Slide Sorter view

To change the number of slides per row in Slide Sorter view:

- 1) Go to **View > Toolbars > Slide View** on the Menu bar to show the Slide View toolbar (Figure 10).
- 2) Adjust the number of slides, up to a maximum of 15, in the *Slides per Row* box.



Figure 10: Slide View toolbar

Changing slide order

To change the slide order of one or a group of slides in a presentation using Slide Sorter view:

- 1) Select a slide or a group of slides.
- 2) Drag and drop the slide or group of slides at the location required.

Selecting a group of slides

To select a group of slides, use one of these methods:

- **Ctrl** key – click on the first slide and, while holding the *Ctrl* key, select the other slides. The selected slides do not have to be next to each other.
- **Shift** key – click on the first slide, and while holding the *Shift* key, select the final slide for the group. This selects all of the slides between the first and the last slide selected.
- **Mouse** – position the cursor slightly to one side and outside the first slide, then click and hold the left mouse button and drag the cursor until all of the slides required for the group are selected.

Working in Slide Sorter view

Working with slides in Slide Sorter view is the same as working in the Slides pane. To make changes, right-click on a slide and choose an option in the context menu:

- **Cut** – removes the selected slide and saves it to the clipboard.
- **Copy** – copies the selected slide to the clipboard without removing it.
- **Paste** – inserts a slide from the clipboard after the selected slide.
- **New Slide** – adds a new slide after the selected slide.
- **Duplicate Slide** – creates a duplicate of the selected slide and places the new slide immediately after the selected slide.
- **Rename Slide** – renames the selected slide.
- **Hide Slide** – any slides that are hidden are not shown in the slide show.
- **Delete Slide** – deletes the selected slide.
- **Layout** – allows changes to the layout of the selected slide.
- **Move** – allows moving or repositioning the slide in the presentation order.

Creating presentations

New presentation

When you create a new presentation, Impress shows only one slide in the Slides pane and Workspace.

By default, Impress opens with the Select a Template dialog (Figure 1 on page 6) displayed where you can select a template to use in the presentation. To create a new presentation without using a template, click **Cancel** in the Select a Template dialog and a blank slide appears in the Workspace and Slides pane.

Inserting new slide

To insert a new slide into a presentation, use one of the following methods.

- Go to **Slide > New Slide** on the Menu bar.
- Right-click in the Slides pane and select **New Slide** in the context menu.
- Use the keyboard shortcut *Ctrl+M*.
- Go to Slide Sorter view in the Workspace, right-click on a slide and select **New Slide** in the context menu.
- Click on **New Slide** in the Presentation toolbar (Figure 11). If the Presentation toolbar is not visible, go to **View > Toolbars** on the Menu bar and select **Presentation** in the drop-down list.

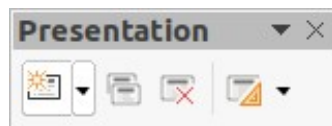


Figure 11: Presentation toolbar

✓ Note

A new slide is inserted after the selected slide in the presentation. If a slide is not selected, then the new slide is inserted as the last slide in the presentation.

Duplicate slide

To duplicate a slide, select a slide for duplication in the Slides pane and use one of the following methods. A duplicate slide is inserted after the selected slide in the presentation.

- Right-click on a slide in the Slides pane and select **Duplicate Slide** in the context menu.
- Go to Slide Sorter view in the Workspace, right-click on a slide and select **Duplicate Slide** in the context menu.
- Go to **Slide > Duplicate Slide** on the Menu bar.
- Click on the **Duplicate Slide** icon on the Presentation toolbar.

Slide layout

By default in Impress, the *Title Slide* layout is used for the first slide when a new presentation is created. The layouts included in Impress range from a blank slide to a slide with six contents boxes and a title. You can use either a blank layout or one of the title layouts as a title slide. For more information on slide layouts and slide contents, see the *Impress Guide*.

Selecting slide layout

The available layouts are shown in the *Layouts* panel in the Properties deck on the Sidebar. After selecting a slide, you can select the slide layout using one of the following methods:

- Go to the Properties deck on the Sidebar to open the *Layouts* panel (Figure 12).
- Click on **Slide Layout** on the Presentation toolbar to open the *Layouts* panel on the Properties deck on the Sidebar.
- Click on **Slide > Layout** on the Menu bar to open a drop-down list showing the layouts by name.
- Right-click on the selected slide and select **Layouts** from the context menu.

Tip

To view the names for slide layouts, position the cursor on a layout in the *Layouts* panel in the Properties deck on the Sidebar; its name is displayed in a tooltip.

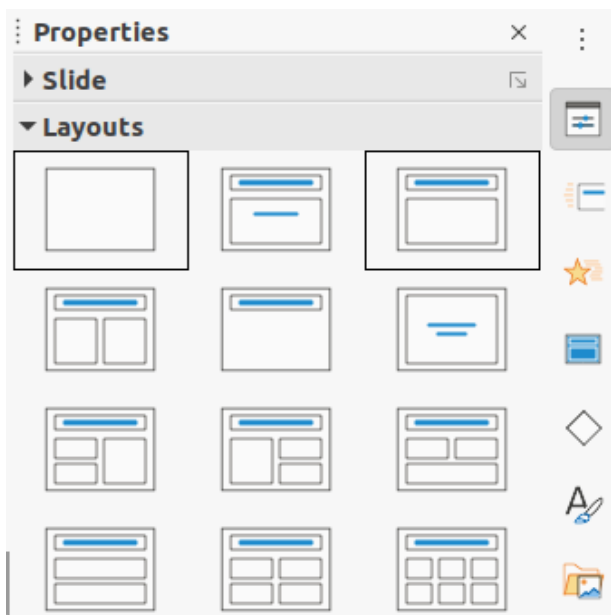


Figure 12: Layouts panel in the Properties deck on the Sidebar

Changing slide layout

Change the slide layout for a slide in a presentation as follows:

- 1) Select a slide in the presentation.
- 2) Select a new layout for the slide using one of the methods described in “Slide layout” on page 16.

Note

Text and graphic elements can be readjusted at any time during the preparation of a presentation, but changing the layout of a slide that already has contents can have a dramatic effect. It is recommended that to pay particular attention to the layout being selected before making a selection. If the layout is changed after contents have been added, the contents are not lost, but they may need to be reformatted.

Modifying slide elements

When a slide is inserted into a presentation, it contains elements that were included in the selected slide layout. However, it is unlikely that predefined layouts will suit all requirements for a presentation. You may want to remove elements that are not required or add objects such as text or graphics.

Impress does not have functionality to create custom layouts. However, different elements can be resized and moved in a slide layout to suit the requirements for a slide layout. It is also possible to add slide elements without being limited to the size and position of content boxes.

Note

It is recommended that changes to slide elements in the layouts included in Impress are only made using Normal view, which is the default. Attempting any changes to a slide element when in Master view is possible, but may produce unpredictable results and requires extra care as well as a certain amount of trial and error.

Moving contents box

- 1) Click on the outer frame of the contents box so that the selection handles are displayed.
- 2) Place the mouse cursor on the frame so the cursor changes shape. This is normally a clenched hand, but depends on the computer setup.
- 3) Click the left mouse button and drag the contents box to its new position on the slide, then release the mouse button.

Resizing contents box

- 1) Click on the outer frame of the contents box so that the selection handles are displayed.
- 2) Place the mouse cursor on a selection handle of the frame so the cursor changes shape.
- 3) Click the left mouse button and drag the selection handle on the frame to resize the contents box, then release the mouse button.
 - Top and bottom selection handles change the height of a contents box.
 - Left and right selection handles change the width of a contents box.
 - Corner selection handles change width and height of a contents box.

Removing elements

- 1) Click a contents box or an element to highlight it and the selection handles are displayed.
- 2) Press the *Delete* or *Backspace* key to remove the contents box or element.

Adding text

To add text to a slide that contains a text frame, click on **Click to add text** in the text frame and type the text required. Impress outline styles are automatically applied to the text as it is inserted. You can change the outline level of each paragraph as well as its position within the text by using the arrow buttons on the Outline toolbar (see “Outline view” on page 12), or position the cursor at the beginning of a paragraph and press the *Tab* key. For more information, see “Adding and formatting text” on page 19 and the *Impress Guide*.

Adding images or objects

To add images or objects to a slide, for example a picture, clipart, drawing, photograph, or spreadsheet, click on **Insert** on the Menu bar and select from the drop-down menu the image or object type required. See “Inserting images, tables, charts, or media” on page 25 and the *Impress Guide*.

Modifying slide appearance

To change the background and other characteristics of all slides in the presentation, you need to modify the master slide or choose a different master slide, as explained in “Working with master slides” on page 30.

A master slide has a specified set of characteristics that acts as a template and is used as the starting point for creating other slides. These characteristics include slide background, objects in the background, formatting of any text used, and any background graphics.

Impress has a range of master slides, which are found in the Master Slides deck on the Sidebar. You can also create and save additional master slides or import more from other sources. See the *Impress Guide* for more information.

To change only a slide background, you can use a shortcut:

- 1) Select a slide in Normal or Slide Sorter view on the Workspace.
- 2) Go to **Slide > Slide Properties** on the Menu bar to open the Slide Properties dialog (Figure 13).

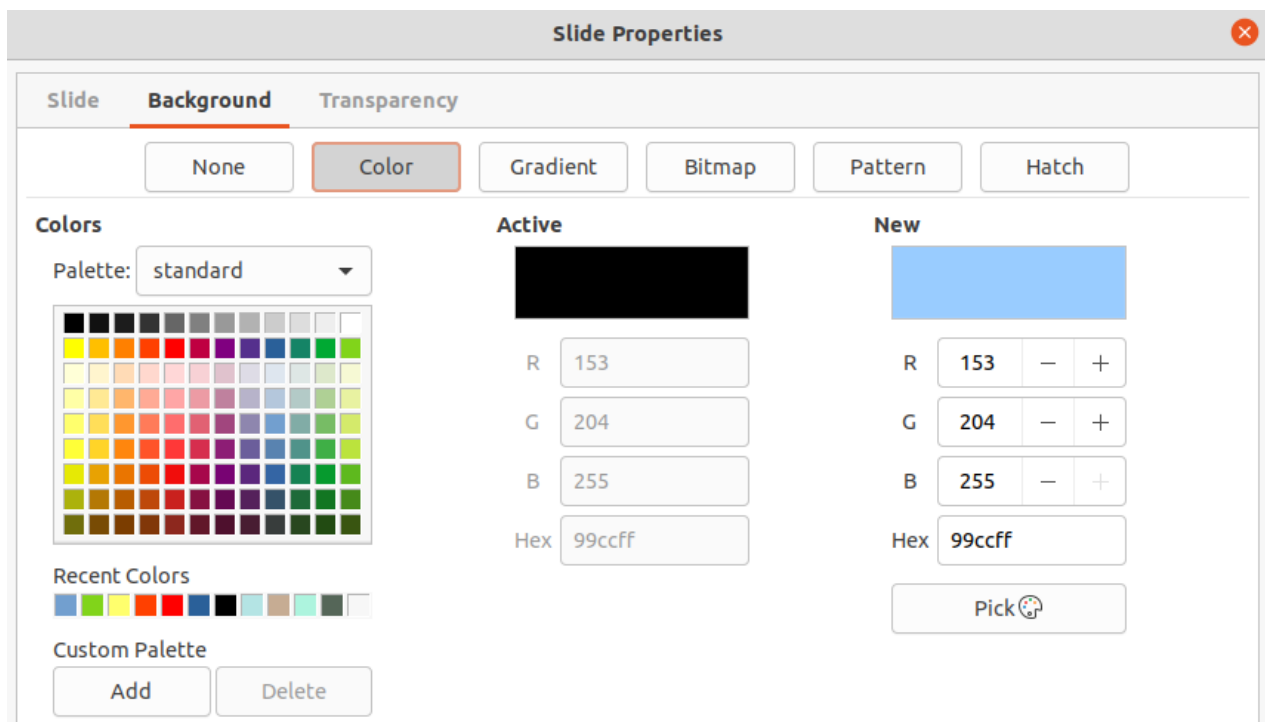


Figure 13: Slide Properties dialog - Background page

- 3) Click on the Background tab.
- 4) Select the desired background from *Color*, *Gradient*, *Bitmap*, *Pattern*, or *Hatch*.
- 5) Click **OK** to save the change and close the dialog.

For more information on inserting, formatting, and changing a background, see the *Impress Guide* or *Draw Guide*.

Adding and formatting text

Most of the slides in a presentation are likely to contain some text. This section gives some guidelines on how to add text and change its appearance. Text used in slides is contained in text boxes. For more information on adding and formatting text, see the *Impress Guide*.

Two types of text boxes (AutoLayout text box and text box) are available in Impress for use on slides. Both types of text boxes can be moved, resized, and deleted.

- Choose a predefined layout from the *Layouts* panel in the Properties deck on the Sidebar and do not select any special content type. These text boxes are called AutoLayout text boxes.
- Use the **Insert Text Box** tool on the Standard toolbar, Drawing toolbar, or Text toolbar (Figure 14) to create text boxes on a slide.
- Use the keyboard shortcut *F2* to create text boxes on a slide (Windows and Linux only).



Figure 14: Text toolbar

When adding and formatting text, the Text Formatting toolbar (Figure 15) normally opens, automatically providing a range of tools to add and format text.

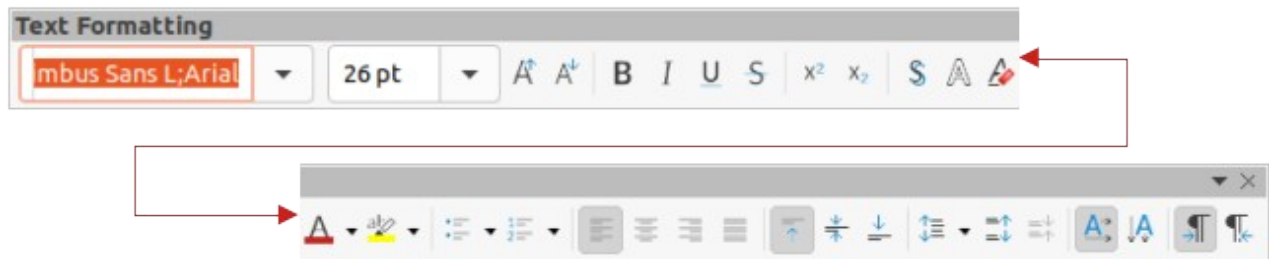


Figure 15: Text Formatting toolbar

✓ Note

If the toolbars are not visible, go to **View > Toolbars** on the Menu bar and select the required toolbars from the drop-down list.

AutoLayout text boxes

- 1) Make sure Normal view is selected in the Workspace.
- 2) Select the slide where text is to be added into an AutoLayout text box.
- 3) Click in the AutoLayout text box and start typing the text. An AutoLayout text box is indicated by the text **Click to add Title** or **Click to add text**.

Text boxes

- 1) Make sure Normal view is selected in the Workspace.
- 2) Select the slide where the text is to be added.
- 3) On the selected slide, create a text box in edit mode using one of the following methods:
 - **Insert Text Box** (Windows, Linux and macOS): select **Insert Text Box**, click on the slide and then type or paste the text to create a single line text box. The width of a single line text box increases as text is added.
 - Keyboard shortcut *F2* (Windows and Linux only): press *F2*, click on the slide and then type or paste the text to create a single line text box.
 - **Insert Text Box**, or keyboard shortcut *F2* (Windows, Linux and macOS): click on the slide and drag to the approximate width required for the text box, then type or paste the text to create a multiple line text box. The width of the text box is fixed and the height of the text box increases automatically as text is added creating multiple lines.
- 4) Release the mouse button and the cursor appears in the text box, which is now in edit mode and indicated by a colored border (Figure 16). The width and final position of the text box can be adjusted after adding text into the text box.
- 5) Click outside the text box to deselect it.

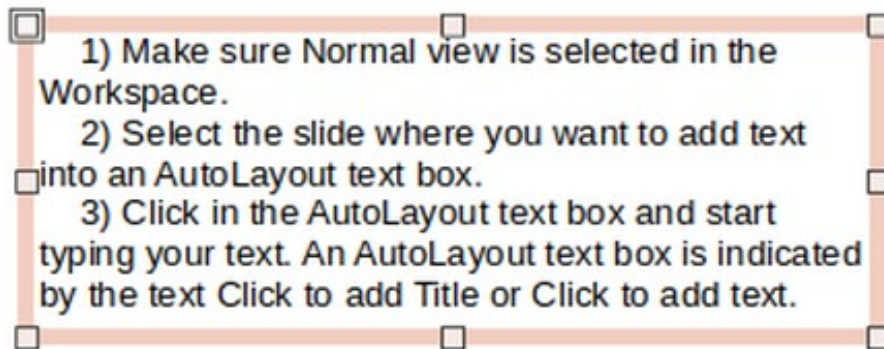


Figure 16: Example of a text box in edit mode

✓ Note

You can create multiple lines of text in a single-line text box by pressing Enter to create a new paragraph, or use *Shift+Enter* to create a line break in the text.

Vertical text

In addition to normal text boxes where text is horizontally aligned, it is possible to insert text boxes where the text is vertically aligned. Vertical text is available only when Asian languages are enabled in **Tools > Options > Language Settings > Languages**.

Creating vertical text boxes is similar to creating horizontal text boxes. Use the **Insert Vertical Text** tool on the Standard, Drawing, or Text toolbars to create a vertical text box with single or multiple lines. The height of the text box is fixed and the width of a vertical text box increases automatically as text is added to a multi-line text box.

Quick font resizing

You can quickly increase or decrease the font size of selected text by using the tools **Increase Font Size** (*Ctrl+]*) and **Decrease Font Size** (*Ctrl+[*) on the Text Formatting toolbar. The amount by which the font size changes depends on the standard sizes available for the font in use.

✓ Note

AutoLayout text boxes automatically adjust font size of any text inserted into the AutoLayout text box. For example, if a long piece of text is inserted into an AutoLayout text box, the font size may decrease in size to fit into the box.

Pasting text

You can add text to an AutoLayout or normal text box by copying it from another document and pasting it into Impress. However, the formatting of the pasted text will probably not match the formatting of the surrounding text or that of the other slides in the presentation. This may be what you want on some occasions. However, to make sure that the presentation style is consistent and does not become a patchwork of different styles, font types, bullet points, and so on, you should format the text to match the rest of the presentation.

Unformatted text

It is good practice to paste text without formatting and apply the formatting later.

- 1) Highlight and copy the text from another document or slide.
- 2) Create a text box on a slide and make sure the text cursor is flashing in the text box. See “Text boxes” on page 20 and the *Impress Guide* for more information.

Alternatively, select an AutoLayout text box on your slide. See “AutoLayout text boxes” on page 19 and the *Impress Guide* for more information.

- 3) Paste unformatted text into the text box using one of the following methods:
 - Go to **Edit > Paste Special > Paste Unformatted Text** on the Menu bar.
 - Click on the small downward arrow ▼ to the right of the **Paste** tool on the Standard toolbar and select **Unformatted Text** from the context menu.
 - Use the keyboard shortcut *Ctrl+Shift+V* and select **Unformatted text** from the dialog that opens.

Text is pasted at the cursor position in the text box formatted using the Default Drawing Style or Presentation Style if text was pasted into an AutoLayout text box.

- 4) Format the text to the presentation requirements using the tools on the Text Formatting toolbar or the options in **Format** on the Menu bar.

✓ Note

The Presentation style used in AutoLayout text boxes cannot be changed by selecting another presentation style. Make sure the AutoLayout text box uses the presentation style required. Change outline levels and outline styles using the *Tab* key or *Shift+Tab* key combination. See the *Impress Guide* for more information.

AutoLayout text box formatting of pasted text

If you are pasting text into an AutoLayout text box, you need to apply the appropriate outline style to the text to give it the same look and feel as the rest of the presentation.

- 1) Highlight and copy the text from another document or slide.
- 2) Paste formatted text into the AutoLayout text box.
- 3) Select the pasted text.
- 4) Select **Format > Clear Direct Formatting** on the Menu bar to make sure any formatting is removed from the pasted text.

- 5) Use the four arrow buttons on the Outline toolbar to move the text to the appropriate position and give it the appropriate outline level.
 - Left arrow promotes a list entry by one level (for example from Outline 3 to Outline 2). You can get the same result by placing the cursor at the beginning of the paragraph and pressing the *Shift+Tab* keys.
 - Right arrow demotes a list entry by one level. You can get the same result by placing the cursor at the beginning of the paragraph and pressing the *Tab* key.
 - Up arrow moves a list entry up in the list order.
 - Down arrow moves a list entry down in the list order.
- 6) If necessary, modify the presentation style to format the text to the presentation requirements to change font attributes, tabs, and so on. See the *Impress Guide* for more information. Alternatively, apply any necessary manual or direct formatting to the text.

Text box formatting of pasted text

Pasting formatted text into a text box overwrites any formatting and replaces the text box style.

- 1) Highlight and copy the text from another document or slide.
- 2) If necessary, create a text box on a slide and make sure the text cursor is flashing in the text box. See “Text boxes” on page 20 and the *Impress Guide* for more information.
- 3) Paste formatted text into the text box. Text is pasted at the cursor position in the text box and the text formatting of the pasted text overwrites any style formatting of the text box.
- 4) Select **Format > Clear Direct Formatting** on the Menu bar to make sure any formatting is removed from the pasted text.
- 5) Select the required drawing style to format the text from the available drawing styles.
- 6) If necessary, modify a drawing style or create a new drawing style to format the text to the presentation requirements. See the *Impress Guide* for more information.

Note

You can create drawing styles in Impress. These drawing styles are only available for the Impress presentation in which you have created and saved them. You can also create templates that include any drawing styles required. For more information, see the *Impress Guide*.

Creating bulleted and numbered lists

The procedure to create a bulleted or numbered list is slightly different depending on the type of text box used, although the tools to manage the list and customize the appearance are the same.

- In AutoLayout text boxes, the outline styles use bulleted lists.
- For normal text boxes, an additional step is required to create a bulleted list.

In both cases, you can create numbered lists or change bulleted lists to numbered lists. Methods for changing the appearance of a list are explained in “Changing list appearance” on page 24.

AutoLayout text boxes

In AutoLayout text boxes, the outline styles available are formatted as bulleted lists. An example of these outline styles is shown in Figure 17. These outline styles are presentation styles and cannot be deleted, but they can be modified or updated to the presentation requirements. See the *Impress Guide* for more information.

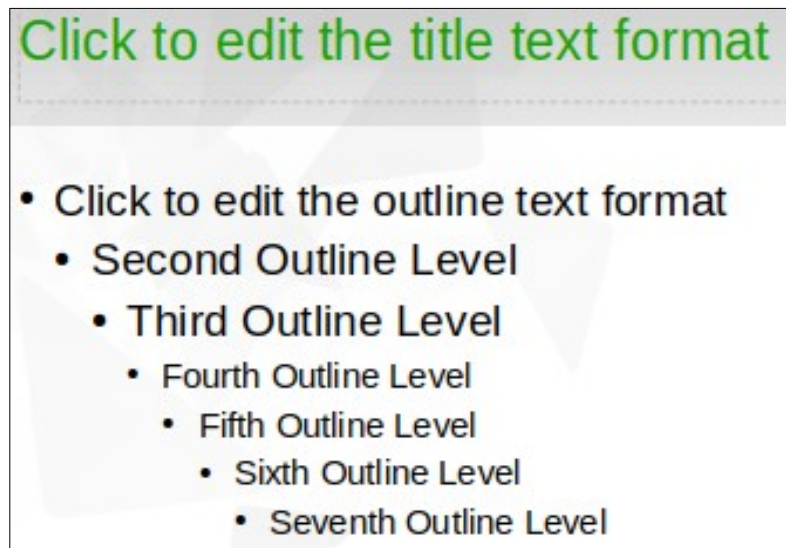


Figure 17: Example of outline bulleted lists

Create a slide using an AutoLayout text box with a bulleted list as follows:

- 1) Go to **View > Normal** on the Menu bar to open Normal view.
- 2) Select a layout for the slide using one of the following methods:
 - Right-click in a blank area on the slide and select a layout from the context menu.
 - Go to **Slide > Layout** on the Menu bar and select a layout from the drop-down list.
 - Select a layout in the *Layouts* panel in the Properties deck on the Sidebar.
- 3) Click on the text **• Click to add Text** and start typing the first list item.
- 4) Press *Enter* when finished typing and the first list point is created as a new list point.

Tip

Use the keyboard combination *Shift+Enter* to start a new line without creating a new list point. This new line has the same indentation as the text in the list point. To switch off bullets altogether, click on **Toggle Bulleted List** on the Text Formatting toolbar (Figure 15 on page 19).

Changing outline level

In AutoLayout text boxes, change the outline level as follows:

- 1) To demote the outline level of a list point, use one of the following methods:
 - Press the *Tab* key.
 - Click on **Demote** on the Outline toolbar.
 - Click on **Demote** on the *Lists* panel in the Properties deck on the Sidebar.
 - Go to **Format > Lists** on the Menu bar and select **Demote** from the submenu.
- 2) To promote the outline level of a list point, use one of the following methods:
 - Use the keyboard shortcut *Shift+Tab*.
 - Click on **Promote** on the Outline toolbar.
 - Click on **Promote** on the *Lists* panel in the Properties deck on the Sidebar.
 - Go to **Format > Lists** on the Menu bar and select **Promote** from the submenu.

- 3) To move a list point lower or higher in the list order without changing the outline level, use one of the following methods:
 - Click on **Move Down** or **Move Up** on the Outline toolbar.
 - Click on **Move Down** on the *Lists* panel in the Properties deck on the Sidebar.
 - Go to **Format > Lists** on the Menu bar and select **Move Down** or **Move Up** from the submenu.

Note

In AutoLayout text boxes, promoting or demoting an item in the list corresponds to applying a different outline style. The second outline level corresponds to Outline 2 style, the third outline level to Outline 3 style, and so on. A change in level and style produces other changes, for example, to font size, bullet type, and so on.

Text boxes

Create a bulleted or numbered list in a text box as follows:

- 1) Create a text box on a slide and make sure the cursor is flashing in the text box. See “Text boxes” on page 20 on how to create a text box.
- 2) Create a list using one of the following methods:
 - Click on **Toggle Bulleted List** or **Toggle Numbered List** in the Text Formatting toolbar.
 - Click on **Toggle Bulleted List** or **Toggle Numbered List** in the *Lists* panel in the Properties deck on the Sidebar.
 - Go to **Format > Lists** on the Menu bar and select **Bullet List** or **Numbered List** from the submenu.
- 3) Type the text and press *Enter* to start a new list point or use the keyboard combination *Shift+Enter* to start a new line without creating a new list point. The new line will have the same indentation as the list point.
- 4) To increase or decrease the indent level of a list point, or move a list point up or down, see “Changing outline level” on page 23.

Changing list appearance

The list appearance can be changed for a bullet or numbered type for the entire list or for only a single point.

- 1) Select a single point in a list, or select the entire list or click on the border of the text box so that the resizing handles are displayed to select the entire list.
- 2) Change the list type from bullet to number, or number to bullet as described in “Text boxes”.
- 3) If required, change the type of bullet or number used for the list:
 - a) Click on the down-pointing triangle ▼ to the right of the **Toggle Bulleted List** or **Toggle Numbered List** on the Text Formatting toolbar or the *Lists* panel in the Properties deck on the Sidebar.
 - b) Select a bullet or number type from the options available in the drop-down window as shown in Figure 18.
 - c) If necessary, click on **More Bullets** or **More Numbering** in the drop-down window to open the Bullets and Numbering dialog for further options to change the list appearance. See the *Impress Guide* for more information.

✓ Note

The Bullets and Numbering dialog can also be opened by going to **Format > Bullets and Numbering** on the Menu bar, or by right-clicking on a list point and selecting **Bullets and Numbering** from the context menu.

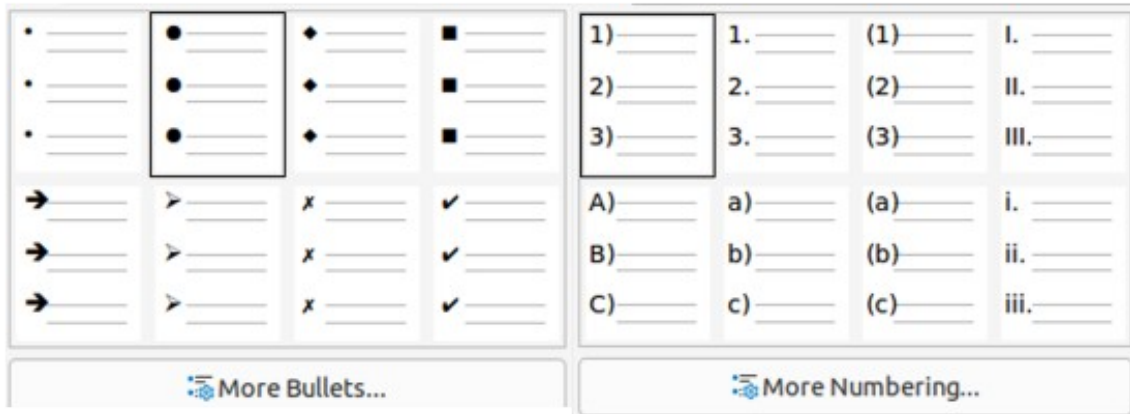


Figure 18: Bullets and Numbering list options

✓ Note

If the list was created in an AutoLayout text box, then an alternative way to change the list appearance is to modify the Outline styles. Changes made to an Outline style apply to all the slides that use that style. For details, see the *Impress Guide*.

Inserting images, tables, charts, or media

A contents box on a slide can contain images, tables, charts, or media as well as text. The Insert toolbar (Figure 19) provides quick access to relevant tools. This section provides an overview of how to work with these objects. For more information, see the *Impress Guide*.

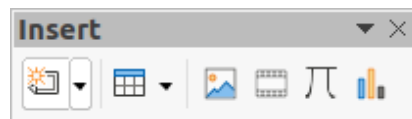


Figure 19: Insert toolbar

Inserting images

- 1) Open the slide in Normal view on the Workspace where you want to insert an image.
- 2) Open the Insert Image file browser using one of the following methods:
 - Go to **Insert > Image** on the Menu bar.
 - Click on **Insert Image** on the Insert toolbar (Figure 19).
 - Click on **Insert Image** on the Standard toolbar.
- 3) Navigate to the location of the file and select the image file required.
- 4) Click **Open** to place the image in the center of the slide.
- 5) Reposition and resize the image to the presentation requirements.

Inserting tables

When a table is inserted into a slide, the Table toolbar (Figure 20) automatically opens. In Impress, this toolbar offers the same functions as the Table toolbar in Writer, with the exception of the calculation functions Sort and Sum. To use Sum and Sort in a presentation, you have to insert a Calc spreadsheet.

Entering data into table cells is similar to working with text box objects. Click in a cell and begin typing. To move around cells quickly, use the following keyboard options:

- Use the arrow keys to move the cursor to another cell if the cell is empty, or to the next character if the cell already contains text.
- Press the *Tab* key to move to the next cell on the right and press *Shift+Tab* to move to the next cell on the left.



Figure 20: Table toolbar

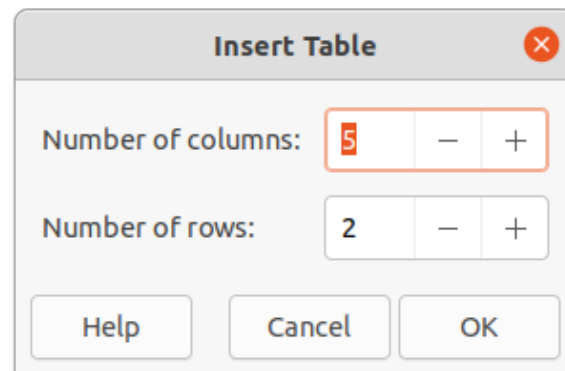


Figure 21: Insert Table dialog

Using the Menu bar

- 1) Open the slide in Normal view on the Workspace where you want to insert a table.
- 2) Go to **Insert > Table** on the Menu bar to open the Insert Table dialog (Figure 21).
- 3) Select the *Number of columns* and the *Number of rows* required for your table.
- 4) Click on **OK** to place the table in the center of the slide and close the Insert Table dialog.
- 5) The *Table Design* panel in the Properties deck on the Sidebar opens (Figure 22). Select a table design, the type of rows, and the type of columns from the options available.
- 6) If necessary, reposition and format the table on the slide to the presentation requirements.

Using Insert or Standard toolbar

- 1) Open the slide in Normal view on the Workspace.
- 2) Click on **Table** on the Insert toolbar or the Standard toolbar to open the Insert Table grid (Figure 23).
- 3) Click and drag the cursor to create the number of columns and rows required.
- 4) Click the mouse button to place the table in the center of the slide and the Insert Table grid closes.
- 5) The *Table Design* panel in the Properties deck on the Sidebar opens (Figure 22). Select a table design, the type of rows, and the type of columns from the options available.

- 6) If necessary, reposition and format the table on the slide to the presentation requirements.

Note

Select *More Options* at the bottom of the Insert Table grid (Figure 23) to open the Insert Table dialog (Figure 21) where you can select the number of rows and columns required.

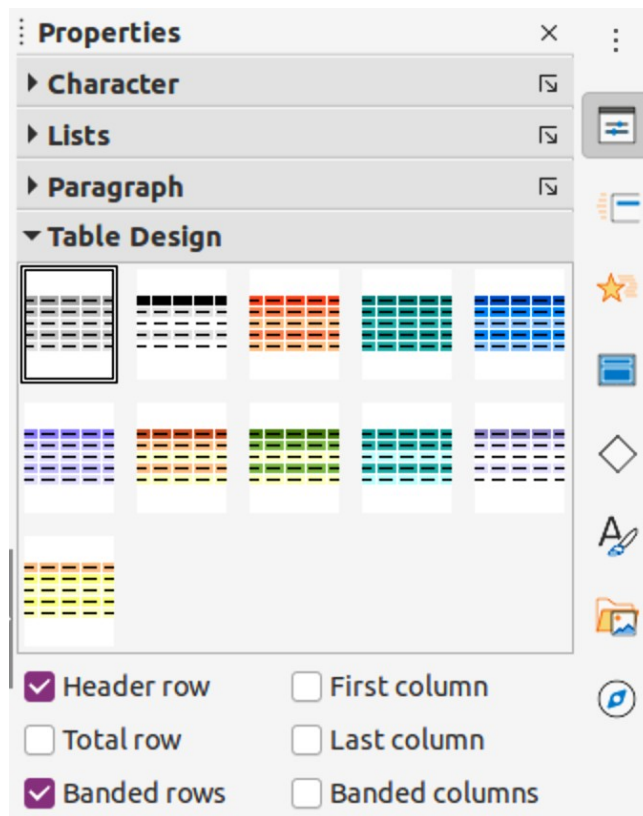


Figure 22: Table Design panel in the Properties deck on the Sidebar

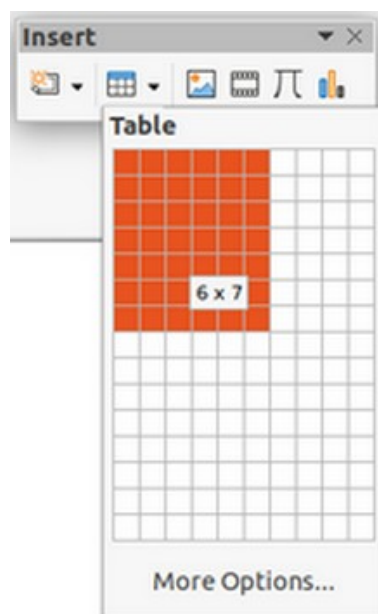


Figure 23: Insert table grid

Inserting charts

To insert a chart into a selected slide in Normal view on the Workspace, do one of the following:

- Go to **Insert > Chart** on the Menu bar.
- Click on **Insert Chart** on the Insert toolbar.
- Click on **Insert Chart** on the Standard toolbar.

Impress switches to chart view, the Formatting toolbar (Figure 24) automatically opens, and the *Chart Type* panel in the Properties deck on the Sidebar opens (Figure 25). To change the chart type, insert the required data, and change the formatting, see the *Impress Guide* and the *Calc Guide*.

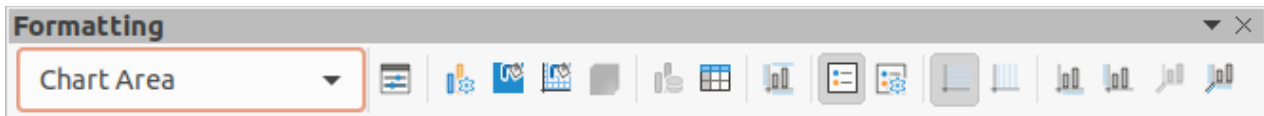


Figure 24: Formatting toolbar

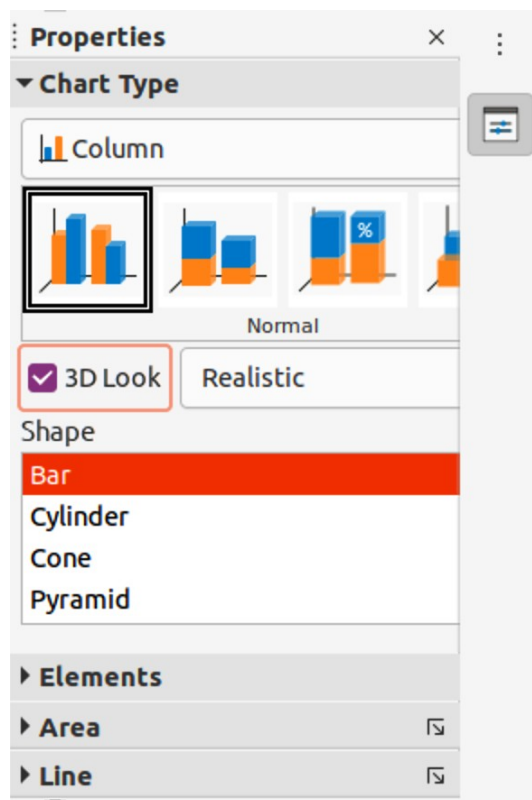


Figure 25: Chart Type panel in the Properties deck on the Sidebar

Inserting audio or video

Using file browser

- 1) Go to **Insert > Audio or Video** on the Menu bar, or click on **Insert Audio or Video** on the Insert toolbar (Figure 19 on page 25) and the Insert Audio or Video file browser opens.
- 2) Navigate to the folder where the file is located and select the audio or video file you want to insert onto a slide. Only the audio and video files that are compatible with Impress will be highlighted in the file browser.
- 3) Click **Open** to place the audio or video file in the center of the slide. The **Media Playback** toolbar opens while the audio or video file is selected.

- 4) Reposition and/or resize the audio or video file. See the *Impress Guide* for more information.

Using the Gallery

- 1) If the Gallery deck (Figure 26) is not already open, use one of the following methods:
 - Go to **View > Sidebar** on the Menu bar to open the Sidebar, then select **Gallery**.
 - Go to **View > Gallery** on the Menu bar.
- 2) Browse to a category containing media files, for example *Sounds*.
- 3) Click on the audio or video file required and drag it onto the slide. The Media Playback toolbar automatically opens.
- 4) Reposition and/or resize the audio or video file.

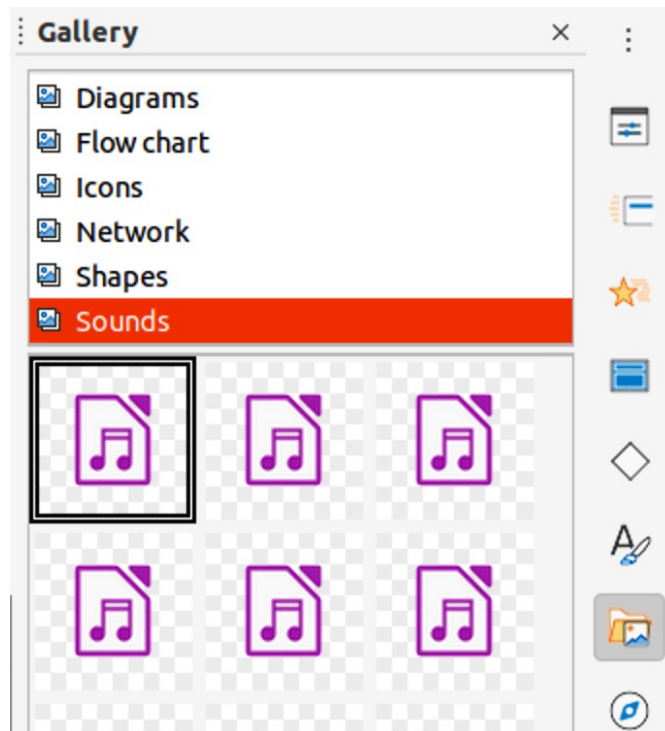


Figure 26: Gallery deck on the Sidebar

Inserting graphics, spreadsheets, and OLE objects

Graphics

Graphics, such as shapes, callouts, and arrows, are often useful to complement the text on a slide. These objects are handled much the same way as graphics in Draw. For more information on inserting graphics, see Chapter 7, Getting Started with Draw in this guide, the *Impress Guide*, or the *Draw Guide*.

Spreadsheets

Spreadsheets embedded in Impress include most of the functionality of Calc spreadsheets and are capable of performing complex calculations and data analysis. If you need to analyze the data or apply formulas, these operations are best performed in a Calc spreadsheet and the results displayed in an embedded Calc spreadsheet or in an Impress table. For more information on spreadsheets, see the *Impress Guide* and the *Calc Guide*.

OLE objects

Object Linking and Embedding (OLE) is a software technology that allows linking and embedding of spreadsheets, charts, drawings, formulas, and text files into an Impress presentation.

The major benefit of using OLE objects is that it provides a quick and easy method of editing the object using tools from the software used to create the object. These file types can all be created using LibreOffice and OLE objects can be created from new or from an existing file.

When you insert a new OLE object into a presentation, it is only available in that presentation and can only be edited using Impress. For more information on inserting and formatting OLE objects, see the *Impress Guide*.

Working with master slides

A master slide is a slide that is used as the starting point for other slides. It is similar to a page style in LibreOffice Writer as it controls the basic formatting of all slides based on it. A presentation can have more than one master slide.

A master slide has a defined set of characteristics, including the background color, graphic, or gradient. It also can include objects (for example, logos, decorative lines) in the background; headers and footers; placement and size of text frames; and text formatting.

Styles

All of the characteristics of master slides are controlled by styles. The styles of any new slide created are inherited from the master slide from which it was created. In other words, the styles of the master slide are available and applied to all slides created from that master slide. Changing a style in a master slide results in changes to all the slides based on that master slide. It is possible to modify each individual slide without affecting the master slide.

Note

It is highly recommended to use the master slides whenever possible. However, there are occasions where manual changes are needed for a particular slide, for example editing an individual slide to enlarge the chart area when the text and chart layout is used.

Master slides have two types of styles: presentation styles and drawing styles. The presentation styles included with Impress can be modified, but new presentation styles cannot be created or deleted. The drawing styles included with Impress can be modified, but cannot be deleted. However, new drawing styles can be created and these drawing styles can be deleted.

Master slides

Impress comes with a collection of master slides, which are shown in the Master Slides deck of the Sidebar (Figure 27).

This deck has three panels: *Used in This Presentation*, *Recently Used*, and *Available for Use*. Click the expand marker on the title bar of a panel to expand it and show thumbnails of the master slides, or click the collapse marker to collapse the panel to hide the thumbnails.

Each of the master slides shown in the *Available for Use* panel is from a template of the same name. These presentation templates are included when LibreOffice is installed on a computer. If you have created your own templates or added templates from other sources, master slides from those templates also appear in this list.

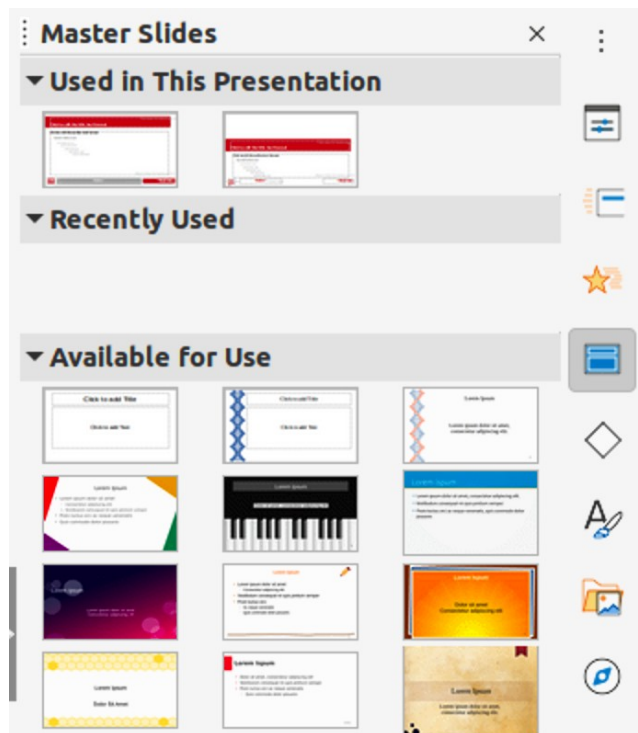


Figure 27: Master Slides deck on the Sidebar

If a new presentation is created without using one of the templates available, then a default master slide is available. This default master slide is a good starting point for creating master slides. An example of the default master slide is shown in Figure 28.

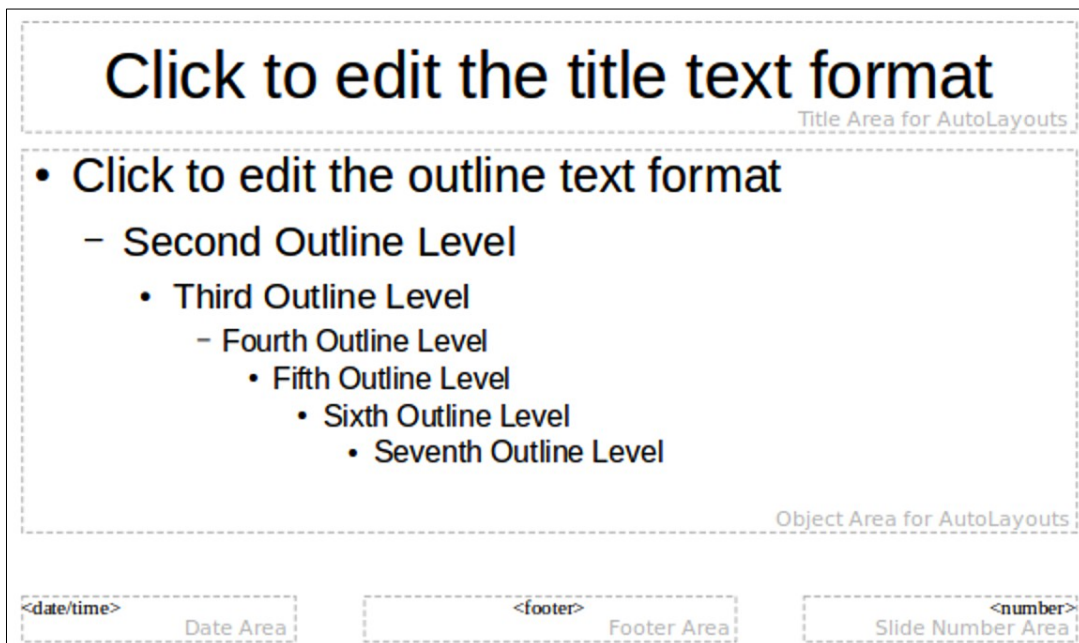


Figure 28: Default master slide

Creating master slides

- 1) Go to **View > Master Slide** on the Menu bar to open Master view in the Workspace. The Master View toolbar also opens (Figure 29). If the Master View toolbar does not open, go to **View > Toolbars** on the Menu bar and select **Master View**.

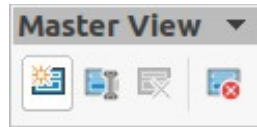


Figure 29: Master View toolbar

- 2) Create a new master slide using one of the following methods. The new master slide appears in the Slides pane:
 - Click on **New Master** in the Master View toolbar.
 - Right-click on a master slide in the Slides pane and select **New Master** from the context menu.
 - Go to **Slide > New Master** on the Menu bar.
- 3) Rename the new master slide using one of the following methods to open the Rename Slide dialog:
 - Click on **Rename Master** in the Master View toolbar.
 - Right-click on the new master slide in the Slides Pane and select **Rename Master** from the context menu.
- 4) Enter a memorable name for the new master slide, then click **OK** to save the changes and close the dialog.
- 5) Make sure the new master slide is selected in the Slides pane and add all the text, graphics and master elements that are required. For more information on adding, editing, formatting and managing the different types of objects on a master slide, see the *Impress Guide*.
- 6) When you have finished creating a new master slide, use one of the following methods to return to Normal view:
 - Click **Close Master View** on the Master View toolbar.
 - Go to **View > Normal** on the Menu bar.
- 7) Save the presentation file before continuing.

Applying master slides

To apply a master slide to all slides or selected slides in a presentation:

- 1) Click on **Master Slides** on the right of the Sidebar to open the Master Slides deck.
- 2) Right-click on the required master slide in the *Used in This Presentation* panel.
- 3) Select **Apply to All Slides** or **Apply to Selected Slides** from the context menu.

Loading additional master slides

In a presentation, it may be necessary to mix multiple master slides that belong to different templates (for more information on templates, see the *Impress Guide*). For example, you may want a completely different layout for the first slide of the presentation, or want to add a slide from a different presentation to the current presentation.

- 1) Select the slide or slides in the Slides pane where the master slide is to be changed.
- 2) Go to **Slide > Change Slide Master** on the Menu bar to open the Available Master Slides dialog (Figure 30).
- 3) To add master slides, click on **Load** to open the Load Master Slide dialog (Figure 31).

- 4) In the Load Master Slide dialog, select the template category and the template from which to load the master slide
- 5) Click **OK** to close the Load Master Slide dialog and the master slides from the selected template appear in the Available Master Slides dialog.
- 6) In the Available Master Slides dialog, select the master slide required in the *Select a Slide Design* box.
- 7) To apply the selected master slide to all slides in the presentation, select the *Exchange background page* check box. To apply the slide design to the selected slides only, deselect the *Exchange background page* check box.
- 8) Click **OK** to apply the selection to the slides and close the dialog.

 **Note**

The master slides in the template selected are now shown in the *Available for use* panel in the Master Slides deck on the Sidebar.

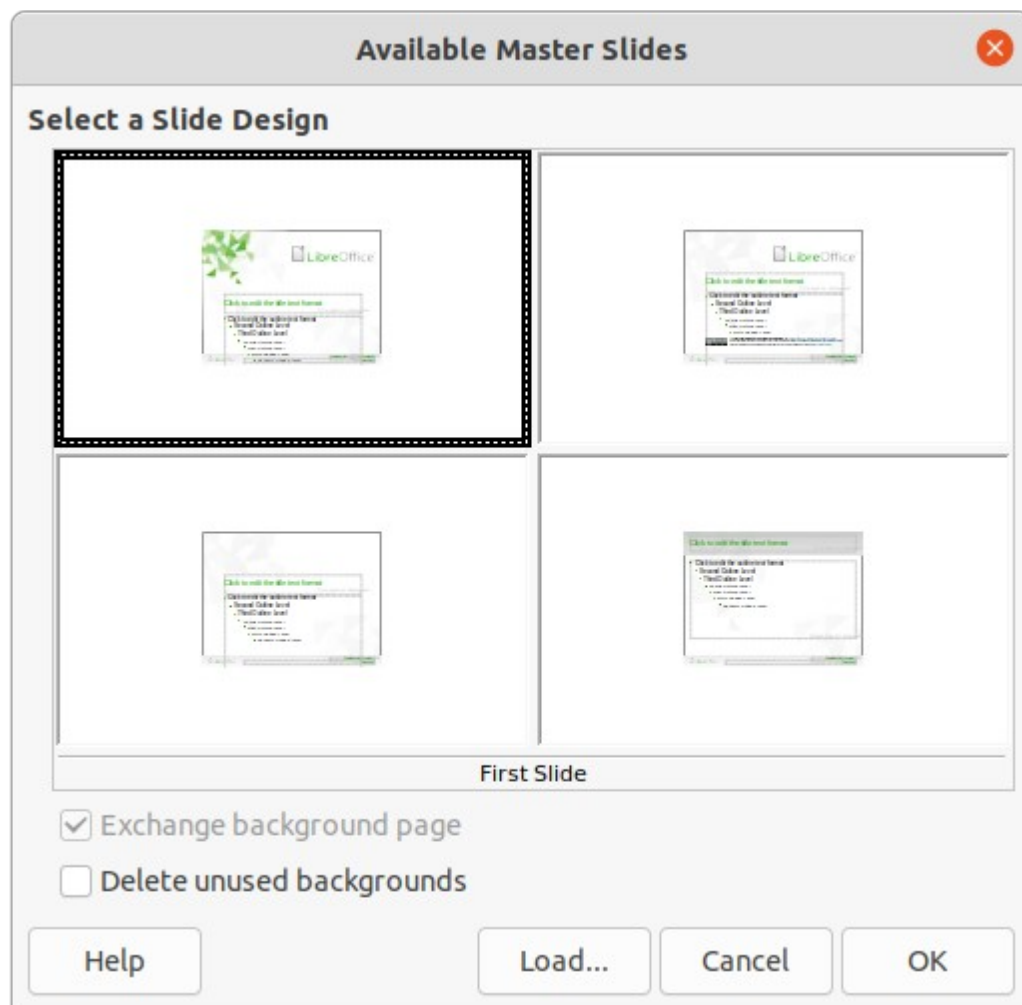


Figure 30: Available Master Slides dialog

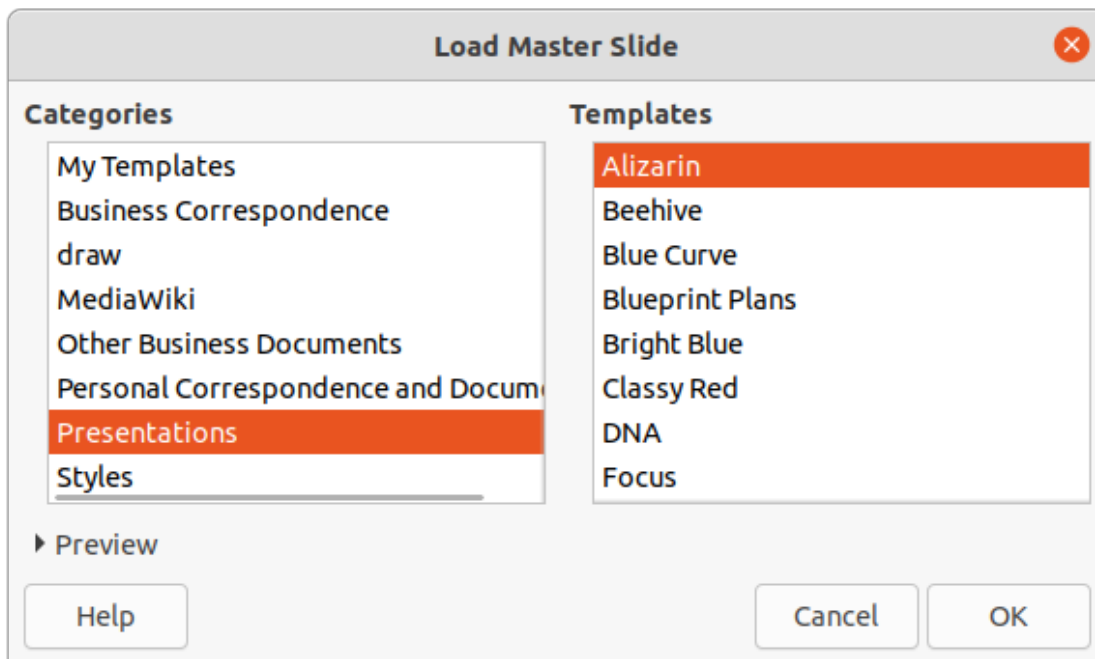


Figure 31: Load Master Slide dialog

Modifying master slides

The following items can be changed on a master slide. For more information, see the *Impress Guide*:

- Background (color, gradient, hatching, or bitmap).
- Background objects (for example, adding a logo or decorative graphics).
- Text attributes for the main text area and notes.
- Size, placement, and contents of header and footer elements to appear on every slide.
- Size and placement of default frames for slide titles and content.

To modify a master slide, follow these steps:

- 1) Select **View > Master Slide** from the Menu bar. This also opens the Master View toolbar.
- 2) Select a master slide for editing in the Slides pane so that it appears in the Workspace.
- 3) Go to **Slide > Slide Properties** on the Menu bar or right-click in the Workspace and select **Slide Properties** from the context menu to open the Slide Setup dialog (Figure 32).
- 4) Use the various options in the Slide, Background, and Transparency pages in the Slide Setup dialog to make changes to the format of the master slide.
- 5) Click **OK** to save the changes and close the Slide Setup dialog.
- 6) Select an object on the master slide, then right-click on the object to open a context menu.
- 7) Select one of the options from the context menu to edit the object. Selecting an option may open another context menu, a dialog, an application or file browser window to make the necessary changes to the selected object.
- 8) Click **Close Master View** on the Master View toolbar or go to **View > Normal** on the Menu bar to exit from editing master slides.
- 9) Save the presentation file before continuing.

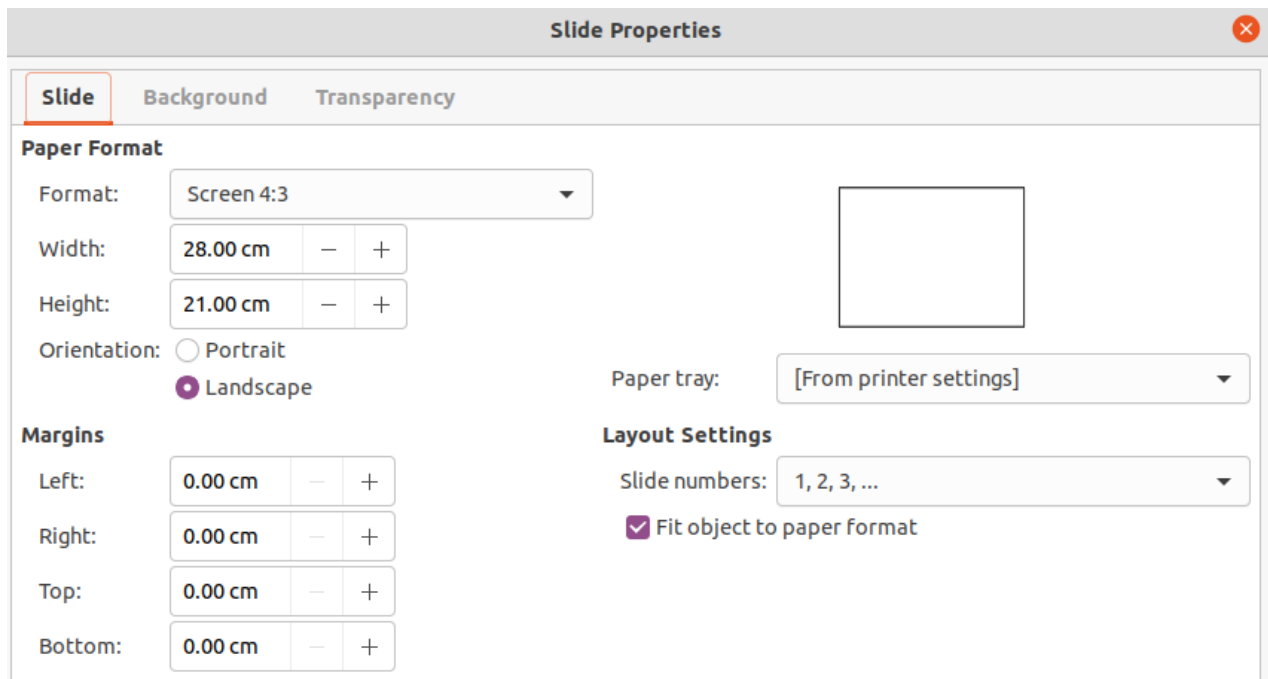


Figure 32: Slide Properties dialog - Slide page

✓ Note

Any changes made to one slide when in Master Slide mode appears on all slides using this master slide. Always make sure to close Master Slide and return to Normal view before working on any of the presentation slides.

✓ Note

The changes made to an element on a slide in Normal view is not overridden by subsequent changes to the master slide. There are cases, however, where it is desirable to change a manually modified element of a slide to the style defined in the master slide. To change to default formatting, select the element and select **Format > Clear Direct Formatting** from the Menu bar.

Adding text, footers, and fields to master slides

Text, footers, or fields can be added to a master slide so those elements appear on every slide in a presentation. Headers are not normally added to slides.

Text

- 1) Go to **View > Master Slide** on the Menu bar to open **Master View**.
- 2) Insert a text box on the master slide, see “Text boxes” on page 20 for more information.
- 3) Type or paste the text into the text box.
- 4) Click outside the text box when finished adding text.
- 5) Go to **View > Normal** on the Menu bar or click **Close Master View** on the Master View toolbar when finished.

Default footers

By default, a slide footer consists of three sections, each containing a default field:

- Left section – date and time, labelled *Date Area*. Field name is `<date/time>`.
- Center section – footer text, labelled *Footer Area*. Field name is `<footer>`. This section could be the presentation title, file name, or other information.
- Right section – slide number, labelled *Slide Number Area*. Field name is `<number>`.

The default footer fields are set up as follows using the Header and Footer dialog (Figure 35):

- 1) Go to **View > Master Slide** on the Menu bar to open Master View.
- 2) Go to **Insert > Header and Footer** on the Menu bar to open the Header and Footer dialog.
- 3) Click on the Slides tab to open the options available for inserting footers onto a slide.
- 4) Select **Date and Time** for the date and time to appear in the left section of the footer.
 - For a fixed date and time, select **Fixed** and enter the date required in the *Fixed* text box.
 - For a variable date and time, select **Variable**, then select the format and language from the *Format* and *Language* drop-down lists. Using a variable date and time means that each time the presentation is opened, the date and time are updated.

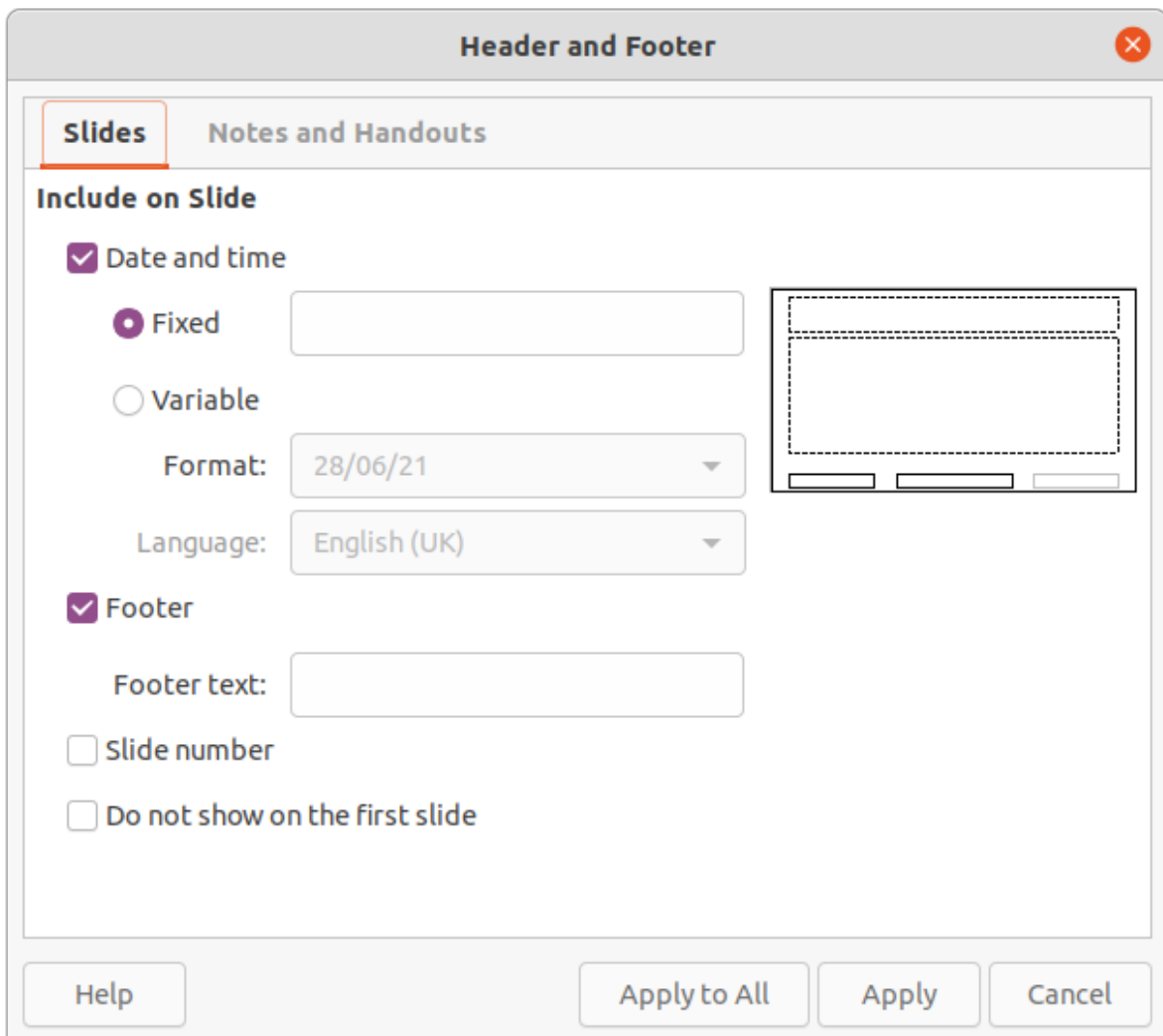


Figure 33: Header and Footer dialog - Slides page

- 5) To place text in the footer center section, select **Footer** and then type or paste the text into the *Footer text* input field.
- 6) To place the slide number in the right section of the footer, select **Slide number**.
- 7) If the footer is not going to appear on the first slide of a presentation, select **Do not show on the first slide**. The first slide is normally the title slide of a presentation.
- 8) Click **Apply** to save the changes and close the Header and Footer dialog.
- 9) To format the text used for the default footer fields, see the *Impress Guide*.
- 10) Click **Close Master View** on the Master View toolbar or go to **View > Normal** on the Menu bar when setting up the default footer fields is completed.

Note

The default sections in a footer can be formatted, resized, and repositioned. See “Adding and formatting text” on page 19 for more information.

Custom footers

The default fields in a footer section can be replaced with text or manual fields as follows:

- 1) Go to **View > Master Slide** on the Menu bar to open the master slide view.
- 2) Highlight the default field in the footer section and press the *Delete* or *Backspace* key. A flashing text cursor will appear in the footer section and the Text Formatting toolbar automatically opens replacing the Line and Filling toolbar.
- 3) Type in the required text or insert a manual field into the footer section. For more information, see “Manual fields” on page 37.
- 4) Format the text or manual field placed in the footer section. See “Adding and formatting text” on page 19 and the *Impress Guide* or more information.
- 5) Click outside the footer section to close the Text Formatting toolbar and reopen the Line and Filling toolbar.
- 6) Click **Close Master View** on the Master View toolbar or go to **View > Normal** on the Menu bar when setting up a custom footer section is completed.

Manual fields

Manual fields can be added as text objects on a master slide or replace one of the default footer fields. The fields you can use in a slide are as follows:

- Date (fixed)
- Date (variable) – updates automatically each time the presentation is opened.
- Time (fixed)
- Time (variable) – updates automatically each time the presentation is opened and each time a slide is opened more than once during a presentation.
- Author – first and last names listed in the LibreOffice user data.
- Slide number – the sequence number of the slide, without the word “Slide”.
- Slide Title – defaults to Slide 1, Slide 2, and so on if the slides have not been renamed.
- Slide Count – the number of slides in the presentation.
- File Name

Tip

To change the author information, go to **Tools > Options > LibreOffice > User Data** on the Menu bar.

Adding comments

Impress supports comments similar to those in Writer and Calc. For more about adding, navigating, and replying to comments, see Chapter 4, Getting Started with Writer.

Before using comments, make sure that your name and initials are entered into **Tools > Options > LibreOffice > User Data**. The name and initials then appear in the comment marker and in the Author field of the comment. If more than one person edits the document, each person is automatically allocated a different background color.

- 1) In **Normal View**, go to **Insert > Comment** on the Menu bar or use the keyboard shortcut *Ctrl+Alt+C* to open a blank comment (Figure 36).

A small box containing your initials appears in the upper left-hand corner of the slide, with a larger text box beside it. Impress automatically adds your name and the current date at the bottom of the text box.

- 2) Type or paste your comment into the text box.
- 3) Move the small comment marker to the required position on the slide. Normally, this is on or near the text or object being referred to in the comment.
- 4) To show or hide the comment markers, choose **View > Comments** on the Menu bar.
- 5) Select **Tools > Options > LibreOffice > User Data** to configure the name and initials that appear in comments.

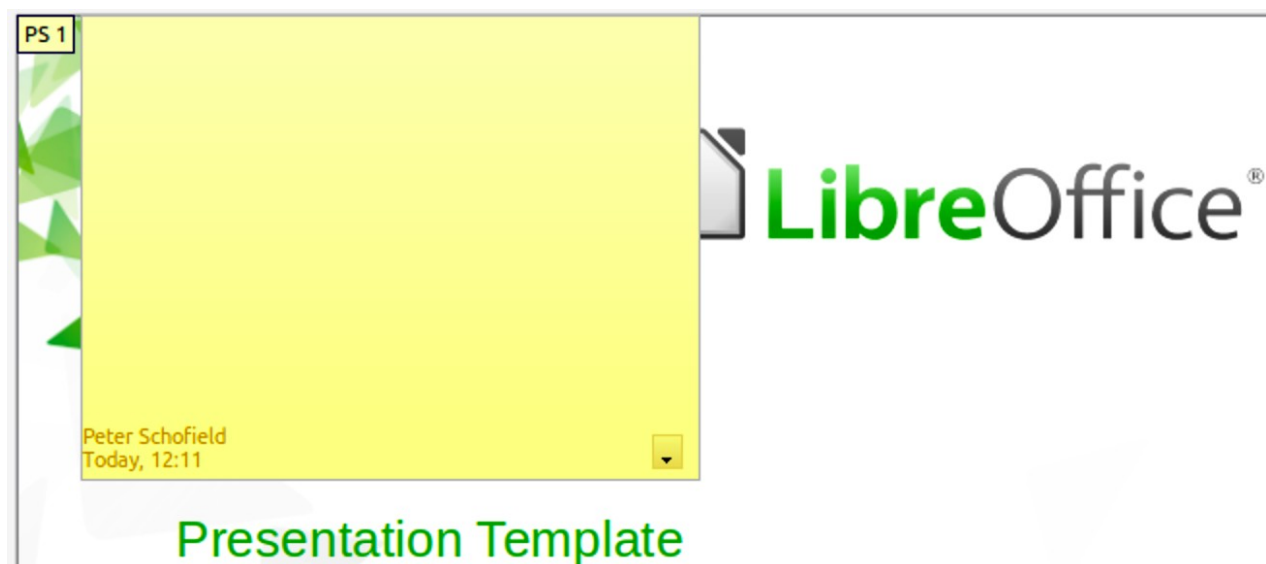


Figure 34: Adding a comment

Printing handouts

Handouts are used for distributing copies of presentation slides to each member of the audience. Handouts are only available in **View > Handout** on the Menu bar and are printed using the printing options in Impress.

✓ Note

The printing of handouts depends on the printer, computer operating system, and how a computer is set up. The following is only an example of how to print handouts.

- 1) Go to **View > Master Handout** on the Menu bar to set up the layout of slides for printing handouts. An example handout is displayed in the Workspace (Figure 35).
- 2) Go to **Insert > Header and Footer** on the Menu bar to open the Header and Footer dialog (Figure 38).
- 3) Click on **Notes and Handouts** tab.
- 4) Select the required header and footer options as follows:
 - Select *Header* and then enter text in the *Header text:* text box.
 - Select *Date and time* and then select either *Fixed* or *Variable* for the date and time.
 - If a fixed date and time was selected, enter the date and/or in the text box.
 - If a variable date and time was selected, select the *Format* for the date and time from the drop-down list.
 - If a variable date and time was selected, select the *Language* to set the options for the date and time format from the drop-down list.
 - Select *Footer* and then enter text in the *Footer text:* text box.
 - Select *Page Number* if you want the handout pages numbered.

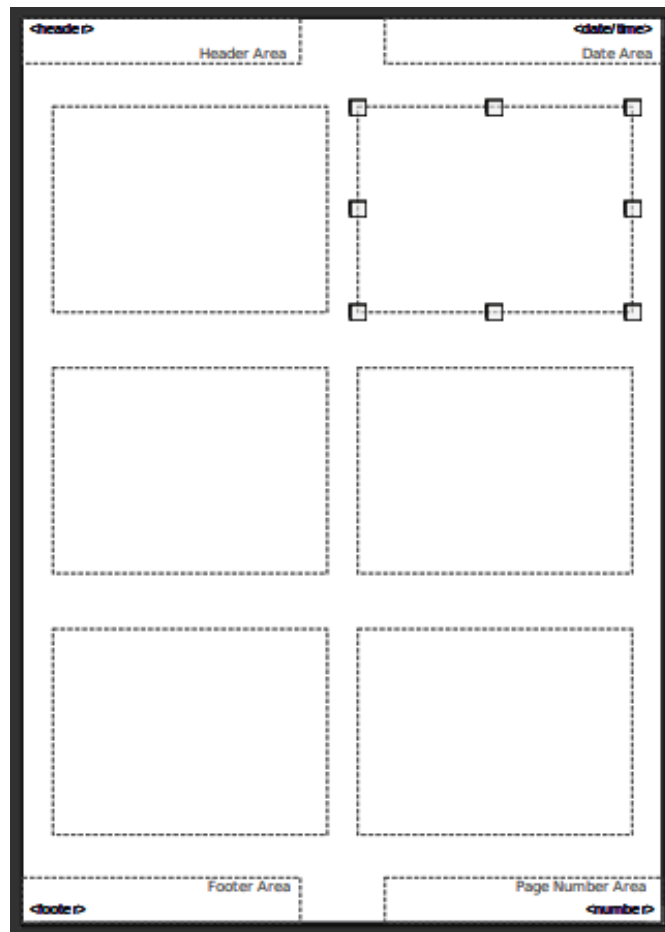


Figure 35: Example handout

- 5) Click on **Apply to All** to save the options for the handouts and close the Header and Footer dialog.
- 6) Go to **File > Print** on the Menu bar or use the keyboard shortcut *Ctrl+P* to open the Print dialog and click on the **LibreOffice Impress** tab to open the page for printing options of handouts (Figure 40).

- a) In **Document**, select the required options from the drop-down lists as follows:
 - *Type*: – select *Handouts* from the drop-down list.
 - *Slides per page*: – select how many slides are printed on a sheet of paper.
 - *Order*: – select the order in which the slides are printed on a sheet of paper.
 - b) In **Contents**, select *Slide name*, *Date and time*, and/or *Hidden pages* if these items are to be printed.
 - c) In **Color**, select how the handouts are printed.
 - d) In **Size**, select the size for how the handouts are printed.
- 7) Click on **Print** to print the handouts and close the Print dialog.

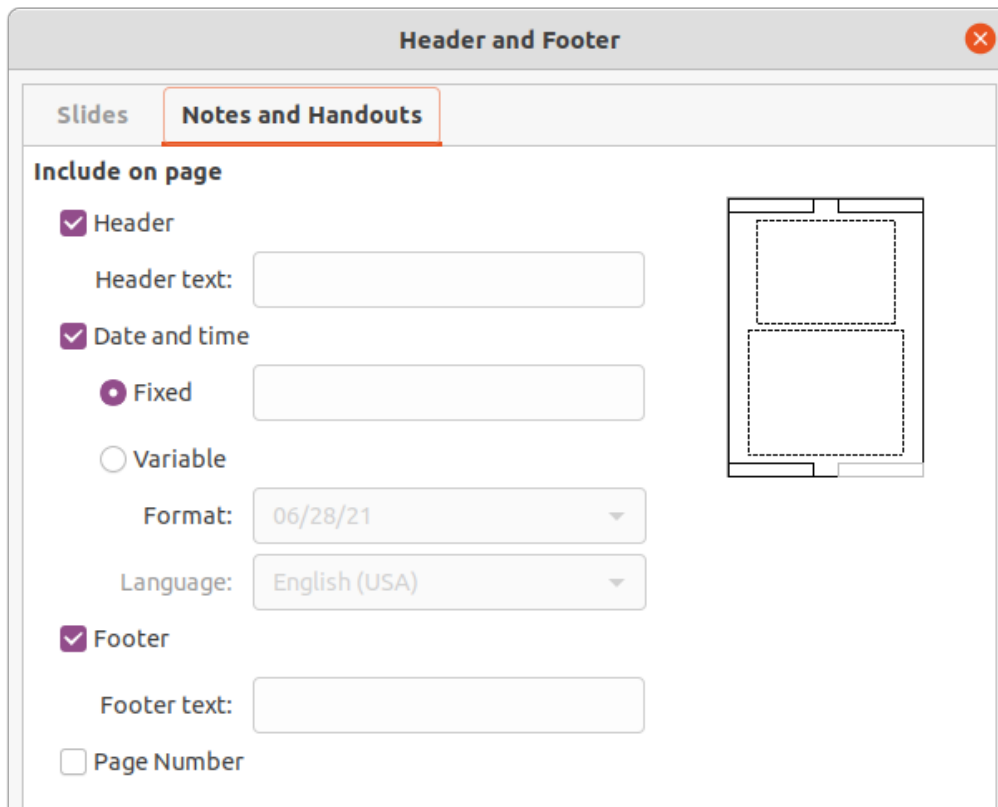


Figure 36: Header and Footer dialog - Notes and Handouts page

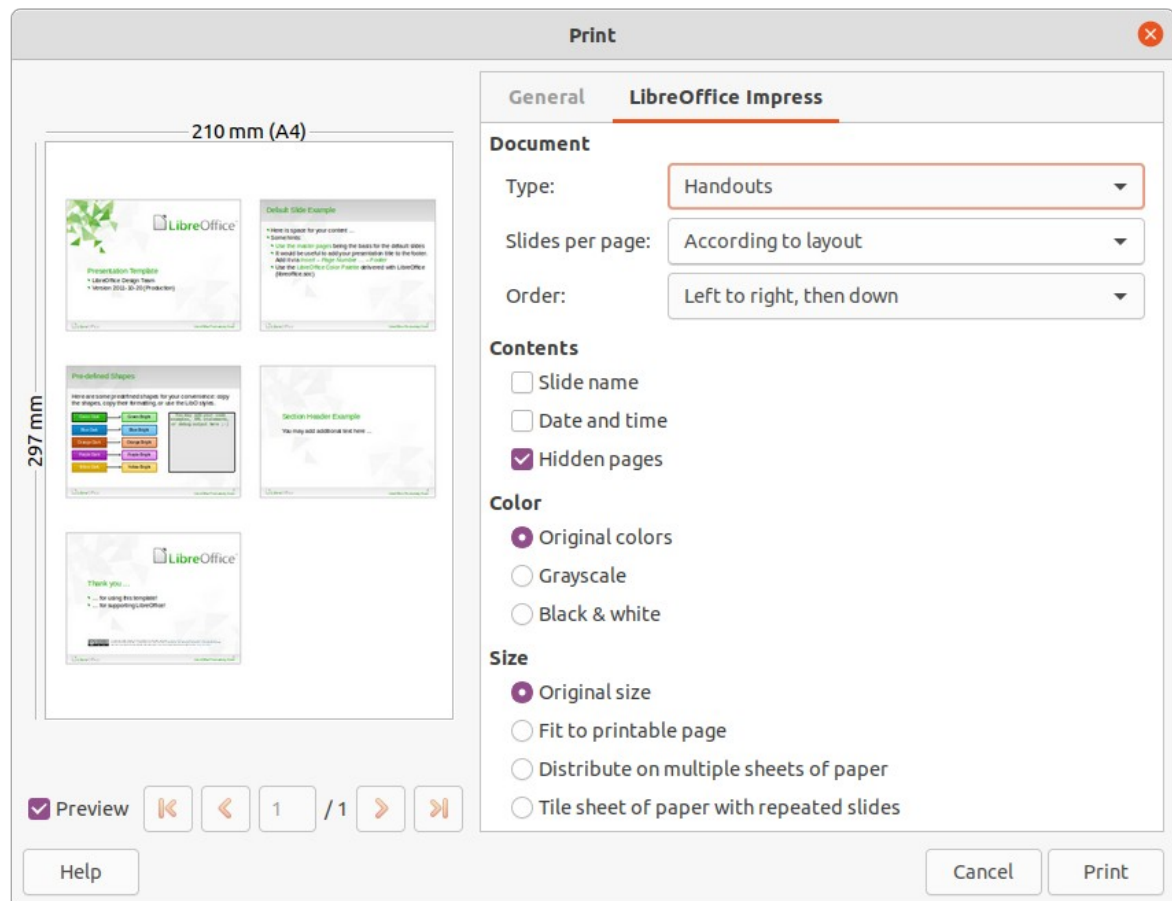


Figure 37: Example Print dialog - LibreOffice Impress page

Creating a photo album

Impress can create a photo album from a set of photographs and images. The photo album can be a multimedia show with vacation pictures and/or graphics and images as a presentation file.

- 1) Create a new presentation or open an existing presentation.
- 2) Select the slide that is going to precede the photo album. In a new presentation, this will be the first slide.
- 3) Go to **Insert > Media > Photo Album** on the Menu bar to open the Create Photo Album dialog (Figure 39).
- 4) Click on **Add** to open a file browser and navigate to the folder where the images are located.
- 5) Select the images required and click **Open**. This closes the file browser and the selected files appear in the Create Photo Album dialog.
- 6) Select the number of images per slide in the *Slide layout*: drop-down list.
- 7) If required, select *Add caption to each slide*. This inserts a text box on each slide allowing captions to be added to the images.
- 8) If required and there is only one image per slide, select *Fill Screen* for each image to fill the entire slide.
- 9) Create the required sequence of photos or pictures by moving image files up or down in the list of images.
- 10) When the sequence of images is ready, click **Insert Slides** to create the number of slides required for the photo album. The sequence can be changed later.

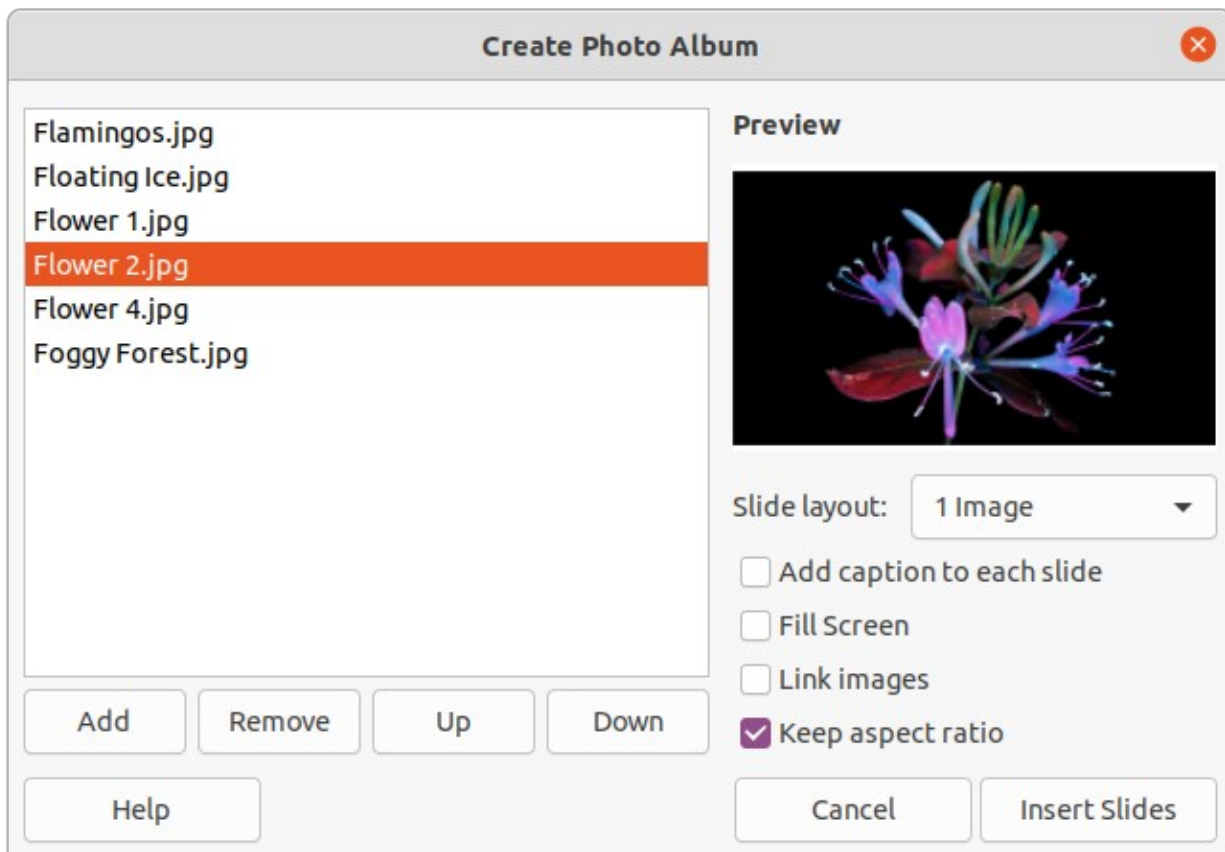


Figure 38: Create Photo Album dialog

- 11) If required, copy and paste images between slides as with any other elements that can be placed on a slide.
- 12) If required, set up the photo album to run as a presentation. See “Presentations (slide shows)” below, “Running presentations” on page 47, and the *Impress Guide*.

Presentations (slide shows)

Impress allocates reasonable default settings for presentations, while at the same time allowing for customizing many aspects of the presentation experience. This section provides an introduction to presentations. For more information on creating, formatting and running presentations, see the *Impress Guide*.

Most of the tasks are best done in **Slide Sorter** view in the Workspace where the majority of the slides in a presentation can be viewed. Go to **View > Slide Sorter** on the Menu bar or click on the **Slide Sorter** tab at the top of the Workspace.

Multiple presentations – single set of slides

There may be more slides than the time available for a presentation, or you may need only a brief overview first and then a more detailed presentation at a later date. Impress provides two tools that help you do this: hiding slides and custom slide shows.

Hiding slides

- 1) Select slides for hiding in the Slide pane or Slide Sorter view in the Workspace.
- 2) Hide the selected slides using one of the following methods. Hidden slides are greyed out in the Slide pane or Slide Sorter view in the Workspace.

- Go to **Slide > Hide Slide** on the Menu bar.
 - Right-click on the slide thumbnail and select **Hide Slide** in the context menu.
 - Click on **Hide Slide** in the Slide View toolbar.
- 3) To show a hidden slide, use one of the following methods.
- Go to **Slide > Show Slide** on the Menu bar.
 - Right-click on the hidden slide thumbnail and select **Show Slide** in the context menu.
 - Click on **Show Slide** in the Slide View toolbar.

Custom slide shows

- 1) Select the slides required for a custom slide show in the Slide pane or Slide Sorter view in the Workspace.
- 2) Go to **Slide Show > Custom Slide Show** on the Menu bar to open the Custom Slide Shows dialog (Figure 41).

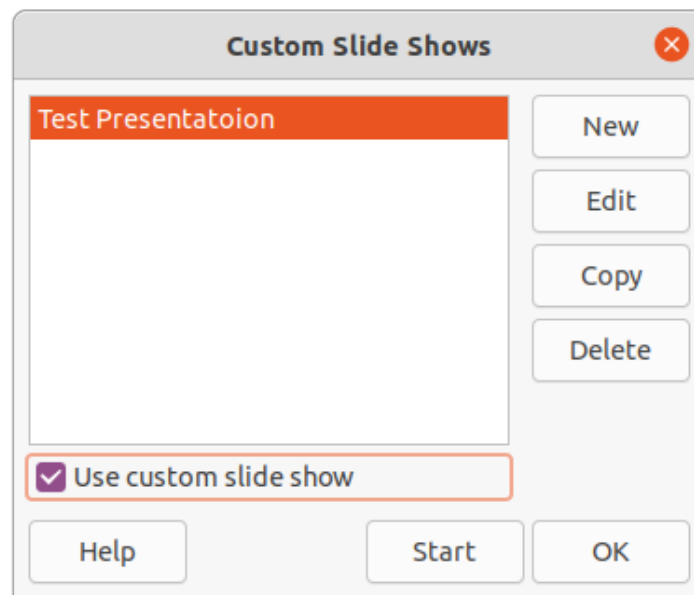


Figure 39: Custom Slide Shows dialog

- 3) Click on **New** and the Define Custom Slide Show dialog opens (Figure 42).
- 4) Type a name for the new custom slide show in the **Name** text box.
- 5) In the **Existing slides** list, select the slides to include in the show.
- 6) Click the >> button to include the slides in the **Selected slides** list. Several slides can be selected and included at the same time. Hold down the *Shift* key and click the first and last slide in a group to select that group, or hold down the *Ctrl* key and click on individual slides to select them.
- 7) If required, rearrange the slide order in the **Selected slides** list. Click on a slide name and drag it to a new position in the list, then release the mouse button.
- 8) Click **OK** to save the custom slide show and return to the Custom Slide Shows dialog.
- 9) To activate a custom show, select it in the list in the Custom Slide Shows dialog and then select the **Use custom slide show** option.
- 10) Click **Start** to test the custom slide show or click **OK** to close the Custom Slide Shows dialog.

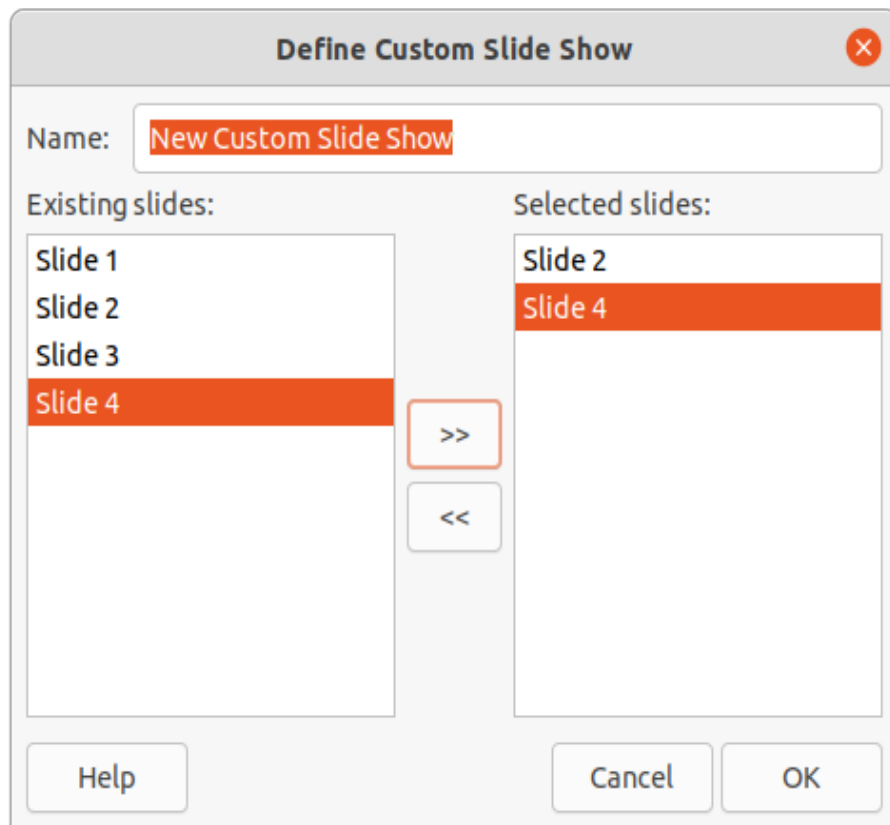


Figure 40: Define Custom Slide Show dialog

Slide transition

Slide transitions are effects and/or sounds that take place between slides when slides change in a presentation and can add a professional look to a presentation, smoothing the change over between slides. For more information on how to setup slide transitions, modify slide transitions, and to advance slides in a presentation, see the *Impress Guide*.

- 1) Click on **Slide Transition** in the Sidebar to open the Slide Transition deck (Figure 43).
- 2) In the Slides pane or Slide Sorter view in the Workspace, select the slides where slide transitions are going to be applied.
- 3) Click on a transition to apply it to the selected slide.
- 4) To apply the same transition to all slides in the presentation, click **Apply Transition to All Slides** at the bottom of the Slides Transition deck.
- 5) To check how the transition looks, click *Play* at the bottom of the Slides Transition deck. Alternatively, to automatically preview how the transition looks when it is applied, select **Automatic Preview** at the bottom of the **Slides Transition** deck.
- 6) In the **Advance Slide** section, select how the slides change in a presentation.
 - *On mouse click* – each time the mouse is clicked, the presentation advances to the next slide.
 - *Automatically after* – enter a time in box to elapse before the next slide in the presentation advances into view.

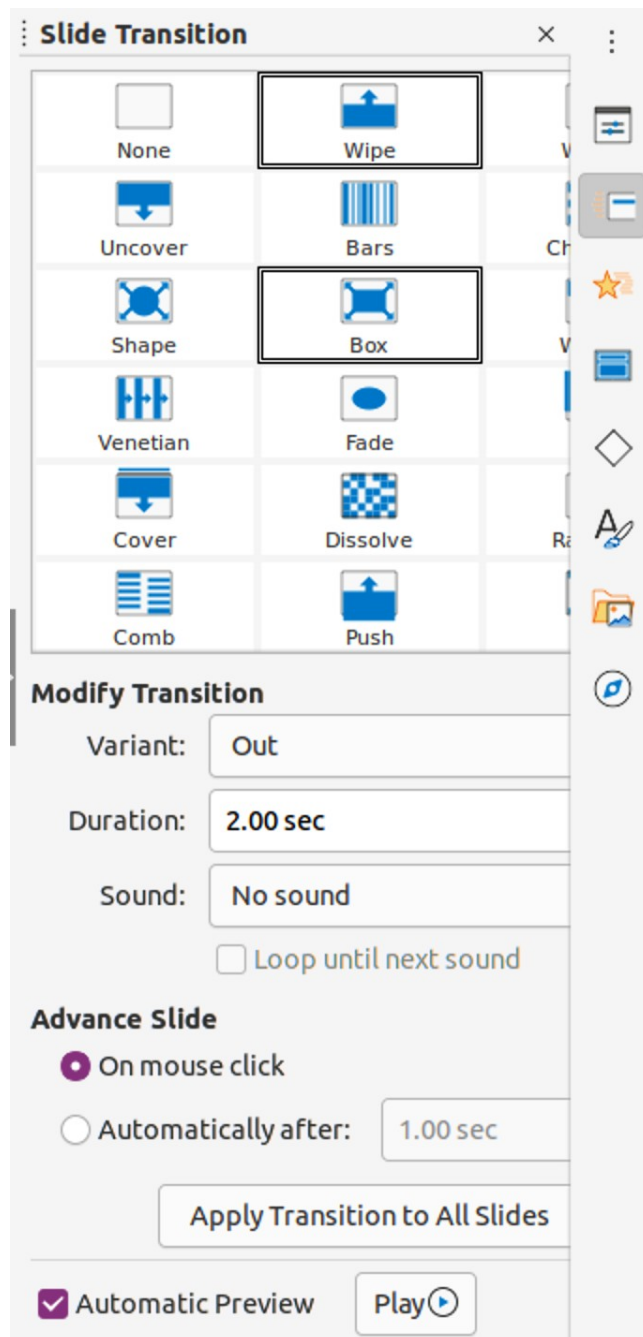


Figure 41: Slide Transition deck on the Sidebar

Playing sounds or music

Sound or music can be played during a presentation as a transition effect. When using music in a presentation, make sure you are not infringing any copyright or license for the music.

- 1) Click on **Slide Transition** in the Sidebar to open the Slide Transition deck.
- 2) In the Slides pane or Slide Sorter view in the Workspace, select the slide to add sound or music.
- 3) In the **Modify Transition** section, select a sound from the **Sound** drop-down list.
- 4) To play music, use the following steps to select a music file:
 - a) Select *Other sound* from the **Sound** drop-down list.
 - b) In the file browser window that opens, navigate to where the music file is located.

- c) Select the music file required and click **Play** to check if the music is suitable.
 - d) If the music is suitable, click **Open** to add the music to the selected slide and close the file browser window.
- 5) To play a sound or music file continuously in the slide show, select the option *Loop until next sound*. The sound or music file restarts once it is finished until the next sound or music file that is inserted in the slide show.

✓ Note

Do not select the *Apply Transition to All Slides* option, otherwise the selected music file restarts at every slide.

✓ Note

The sound or music file is linked to a presentation rather than embedded. If you plan to display the presentation on a different computer, remember to make sure that the music file is available on the computer where the presentation will be played. The link to the sound or music file must be established before starting the presentation.

Animation effects

Slide animations are similar to transitions, but they are applied to individual elements in a single slide, such as title, chart, shape, or individual bullet point. Animations can make a presentation more lively and memorable. However, as with transitions, heavy use of animations can be distracting and even annoying for an audience expecting a professional presentation.

Animations are best applied using Normal view in the Workspace so that you can easily select individual objects on a single slide.

On a slide, an element such as a graphic or an entire text box has selection handles around it when selected. If you select only a portion of the text in a text box, any selection handles may not be visible. For more information on animation effects, see the *Impress Guide*.

- 1) Go to **View > Normal** on the Menu bar to open Normal view in the Workspace.
- 2) Select an element on a slide for animation.
- 3) On the Sidebar, select **Animation** to open the Animation deck (Figure 44).
- 4) Click on *Add Effect* (+ plus sign) to open the animation options on the Animation deck.
 - a) Select an animation category from the *Category* drop-down list.
 - b) Select an animation effect from the available options in the *Effect* list.
 - c) Select how the animation starts from the *Start* drop-down list.
 - d) Select the direction of the animation from the *Direction* drop-down list.
 - e) Enter a time for the duration of the animation in the *Duration* box.
 - f) Enter a time for the delay of when the animation starts in the *Delay* box.
- 5) If required, select *Automatic Preview* so that how the animation looks can be checked when applied to a slide element.
- 6) Click **Play** to check how the animation looks when applied to a slide element.

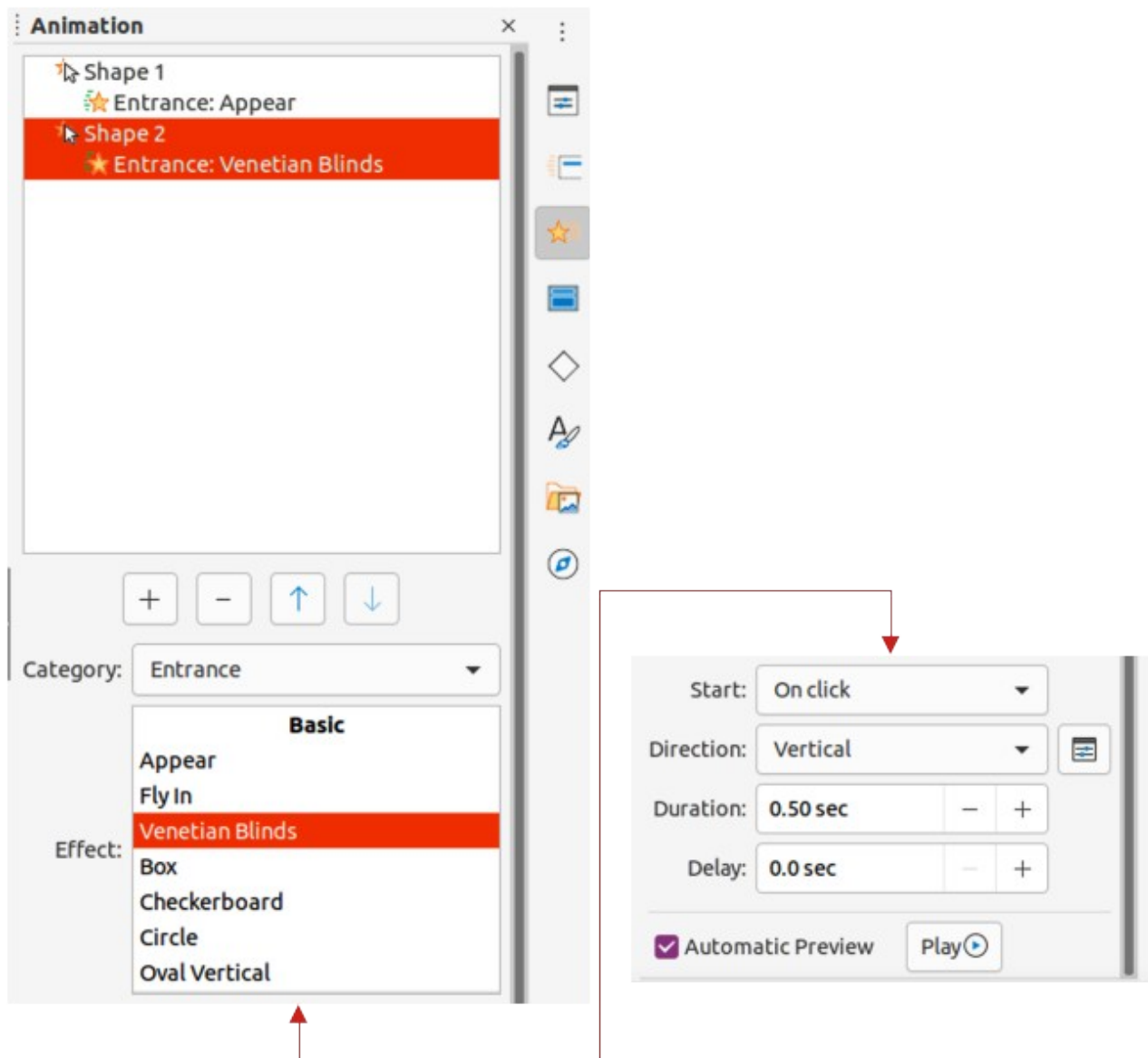


Figure 42: Animation deck on the Sidebar

Running presentations

- 1) Open the presentation and start the slide show using one of the following methods:
 - Use the keyboard shortcut *F5* to start from the first slide or *Shift+F5* to start from the current slide.
 - Go to **Slide Show > Start from First Slide** or **Start from Current Slide** on the Menu bar.
 - Click on **Start from First Slide** on the Slide Sorter toolbar.
- 2) If the slide transition is set to *Automatically after x sec*, the slide show starts and runs after the set time has elapsed.
- 3) If the slide transition is set to *On mouse click*, click the left mouse button, or press the down arrow key, the right arrow key, the page down key, or the spacebar.
- 4) To navigate backwards through a slide show one slide at a time, press the up arrow key, the left arrow key, or the page up key.
- 5) During a slide show, more navigation options are available when you right-click on a slide and use the options available in the context menu.

- 6) When the last slide has displayed, the message *Click to exit presentation...* is displayed on screen. Press the *Esc* key or click the left mouse button to exit the slide show.
- 7) To exit the slide show and return to the Impress workspace at any time, press the *Esc* key during the slide show.

✓ Note

During the presentation, any animations on a slide are run in the specified order as the slide is displayed.

Presenter Console

The Presenter Console provides extra control over slide shows when using dual displays, such as a laptop for yourself and a large display or projector for your audience. The view you see on a computer display includes the current slide that can be seen by the audience, the next slide in the presentation, any slide notes, and a presentation timer.

✓ Note

The Presenter Console only works with operating systems that support two displays. When two displays are being used, one display can be a laptop.

The Presenter Console has to be enabled in Impress before use. Go to **Tools > Options > LibreOffice Impress > General** (Figure 43) and select *Enable Presenter Console in Presentation*.

The Presenter Console provides the following views to assist you when making a presentation:

- **Default view** – displays the current slide, including any effects and the next slide in the presentation (Figure 44). Click on the *Previous* and *Next* arrows to navigate through the presentation.
- **Notes view** – click on *Notes* to switch to display any notes that accompany each slide in the presentation (Figure 45). Click on *Notes* again to return to the default view.
- **Slides view** – click on *Slides* to switch to display the slide thumbnails that are being used for the presentation (Figure 46). Click on *Slides* again to return to the default view.
- **Exchange** – click on this icon to switch the Presenter Console between displays.

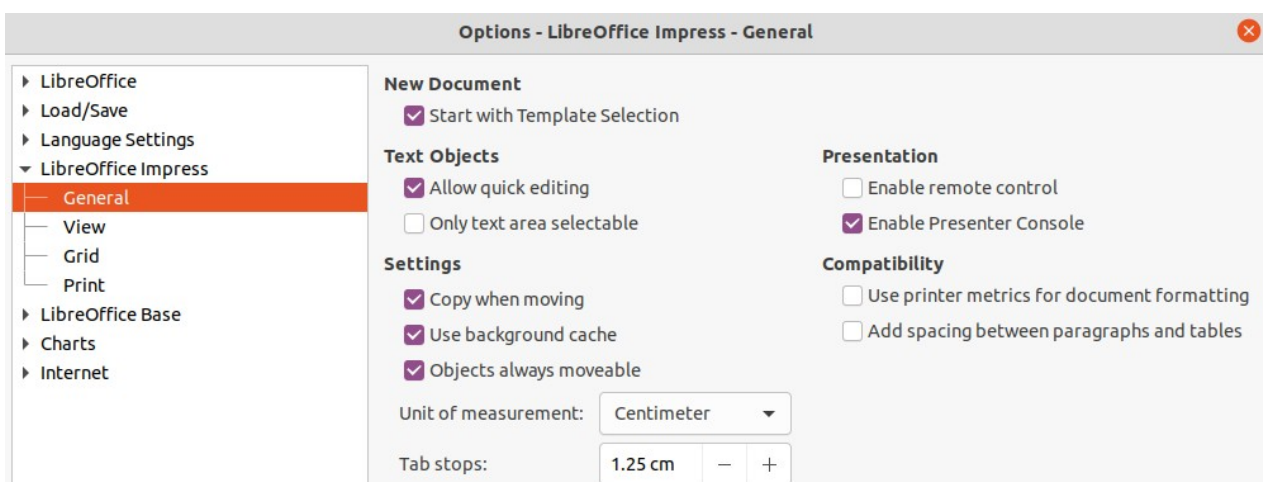


Figure 43: Options – LibreOffice Impress – General dialog

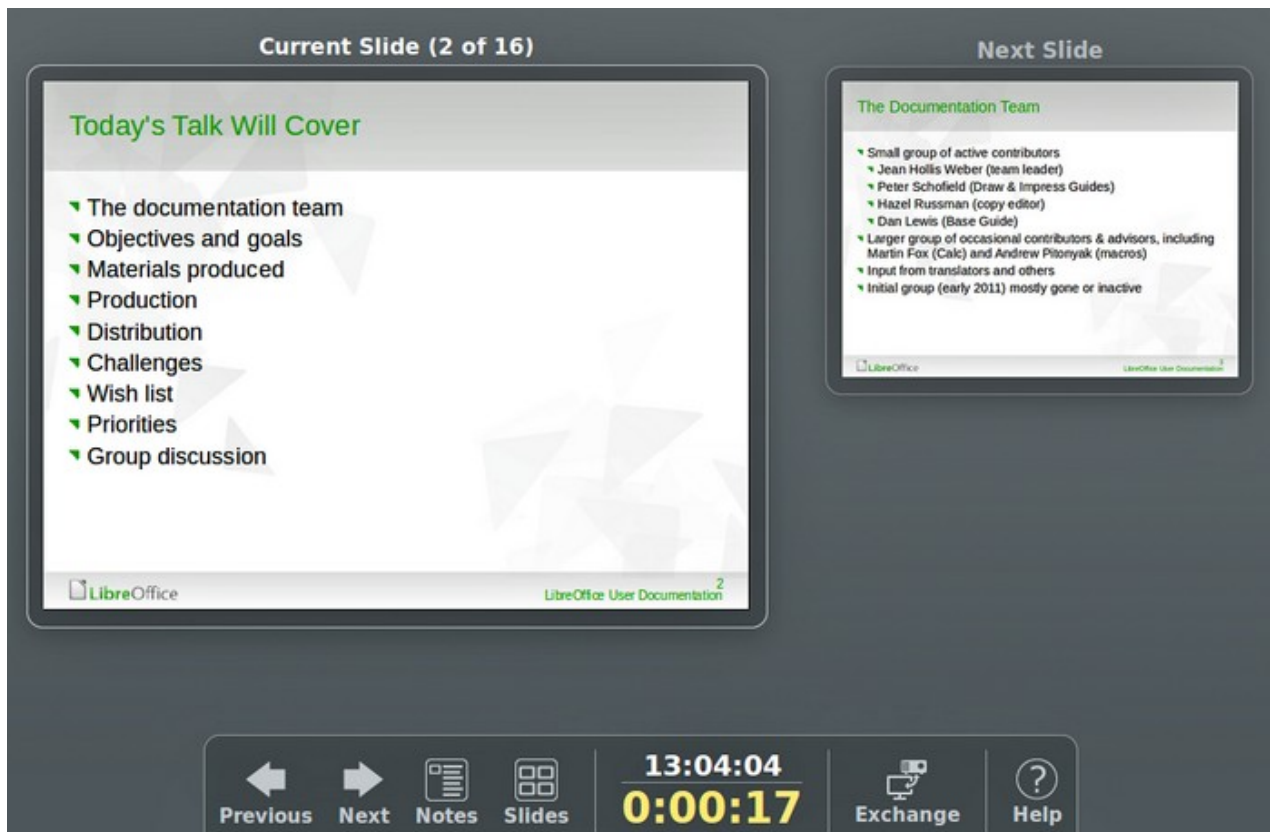


Figure 44: Presenter Console - Default view

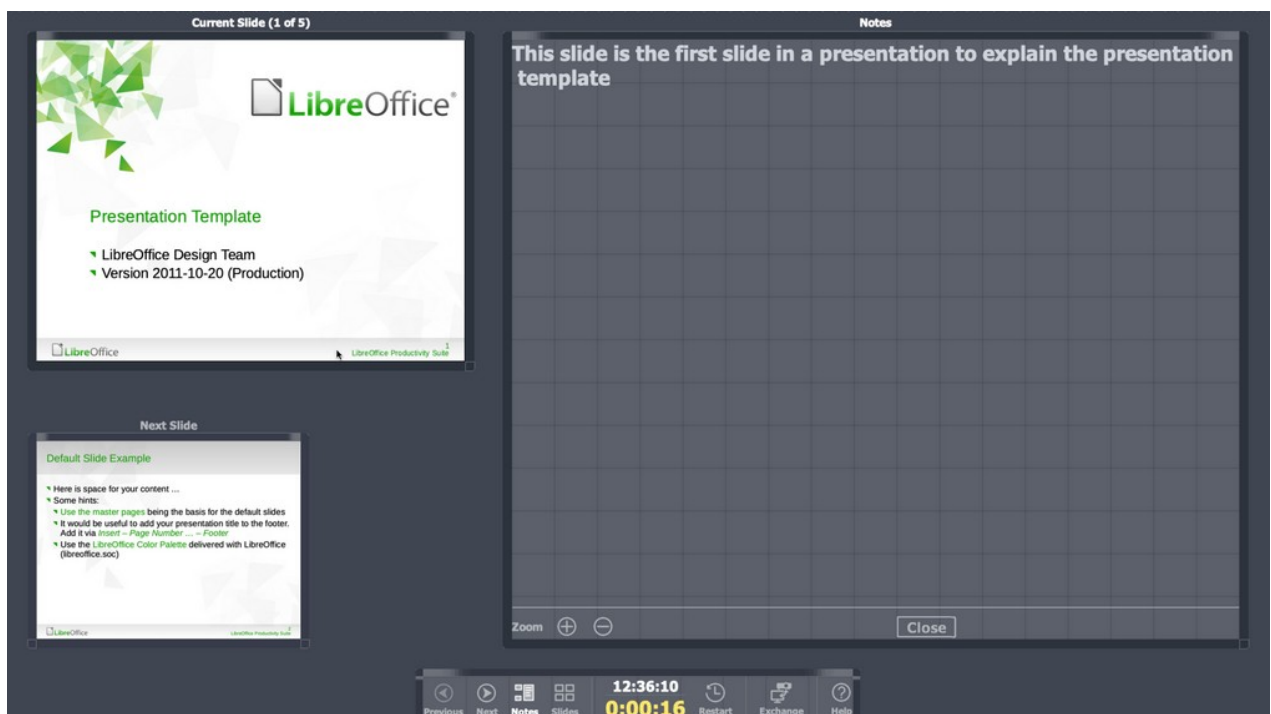


Figure 45: Presenter Console - Notes view

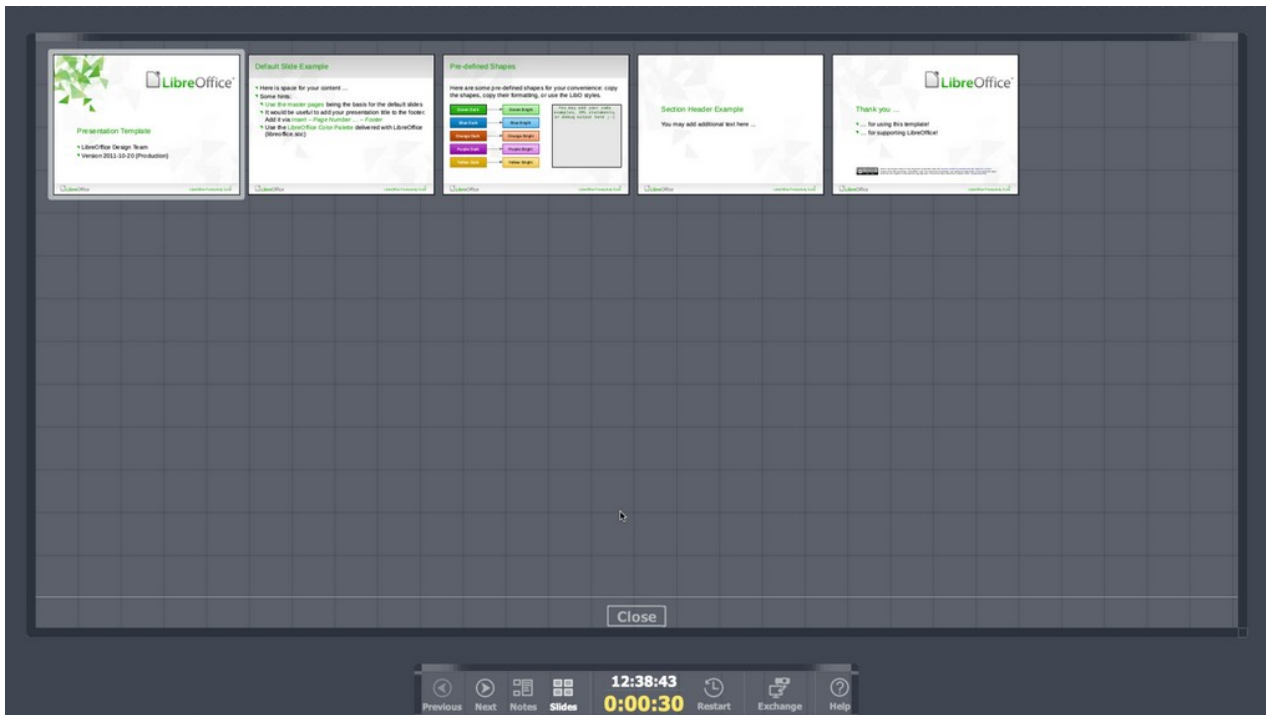


Figure 46: Presenter Console - Slides view