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How to Use the Prinergy Geometry Editor

Prinergy includes a plug-in to Adobe Acrobat that allows you to visually set the trim size for a page. Effective ways to use the Prinergy Geometry Editor are:

- For PDF input files, use the Geometry Editor to set trim size before you add PDF files to a job. When you refine the PDF input files, the trim size is retained. Display the trim size in the Set Page Geometry dialog box in Prinergy.
- On refined pages, use the Geometry Editor as a trim box viewer.
- Use the Geometry Editor to set the trim size visually on one page. Note the measurements. In the Job Manager window, select all the pages you want to set to the same trim size. From the **Edit** menu, select **Set Page Geometry** and set the trim size for all selected pages in the Set Page Geometry dialog box.



Geometry Editor Tools

The Geometry Editor has two tools: the Edit Trim Box tool and the Edit Page Geometry tool. The Edit Trim Box tool is on the toolbar; the Edit Page Geometry tool is hidden.

- The Edit Trim Box tool lets you edit the trim box.
- The Edit Page Geometry tool lets you edit the media box, crop box, trim box, and art box.



Editing the Trim Box

To edit the trim box:

1. With a PDF page displayed in Adobe Acrobat, click the Edit Trim Box tool on the toolbar.

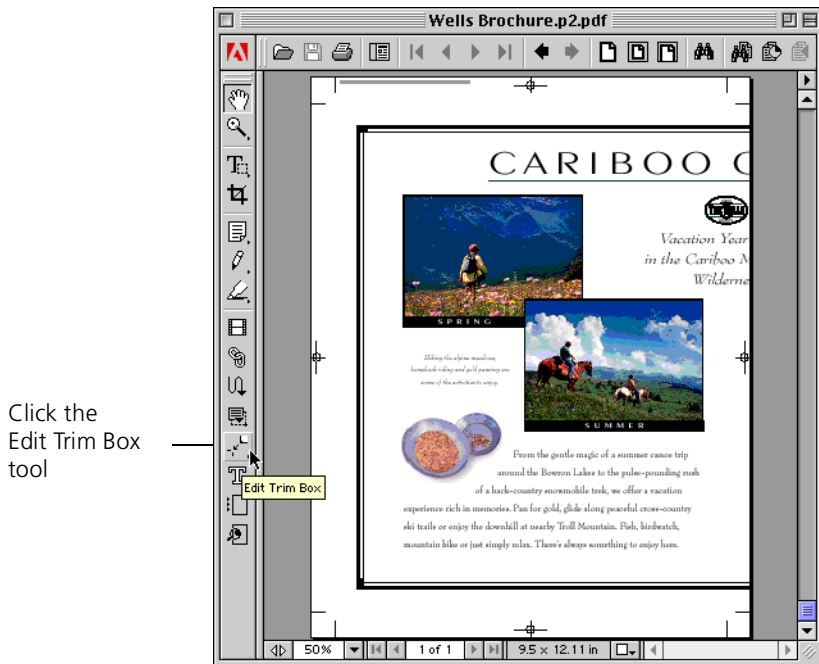


Figure 1: Using the Edit Trim Box tool

The Trim Box dialog box is displayed.

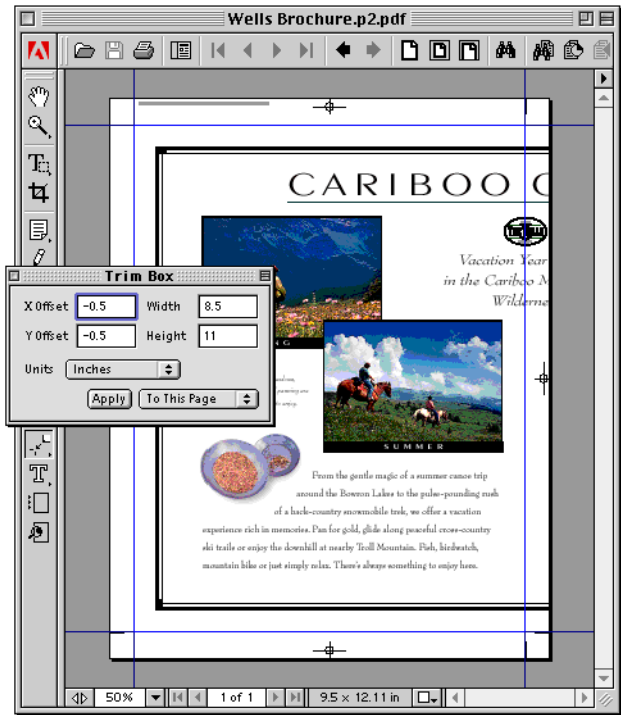


Figure 2: Trim Box dialog box



2. To edit the trim box, do either of the following:

- Enter new values in the **X Offset**, **Y Offset**, **Width**, or **Height** boxes.

The trim box location on the screen moves to match the new values.

- Use the mouse to move one or more sides of the trim box or the entire trim box. See Figure 3.

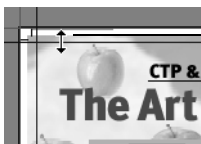
The values in the **X Offset**, **Y Offset**, **Width**, or **Height** boxes change to match the new trim box location.



To move the entire trim box, position the mouse cursor inside the trim box. Drag the box to a new location.



To move two side of the trim box at once, position the cursor over a corner of the trim box. Drag to a new location.



To move one side of the trim box at a time, position the cursor over one side of the trim box. Drag to a new location.

Figure 3: Changing page geometry interactively



You have now changed the trim box measurements. However, before Prinergy will recognize settings that were modified in the Geometry Editor, you must rerefine the PDF page. Rerefine using a Normalize-only process plan (a Refine process plan with the **ColorConvert**, **Trapping**, and **Thumbnail** check boxes cleared).



Editing the Page Geometry

To edit the Media Box, Crop Box, Trim Box, Bleed Box, or Art Box:

1. With a PDF page displayed in Adobe Acrobat, click and hold down the mouse button on the Edit Trim Box tool on the toolbar.

The previously hidden Edit Page Geometry tool is now displayed.

2. With the Edit Page Geometry tool displayed, drag to the right to select it.

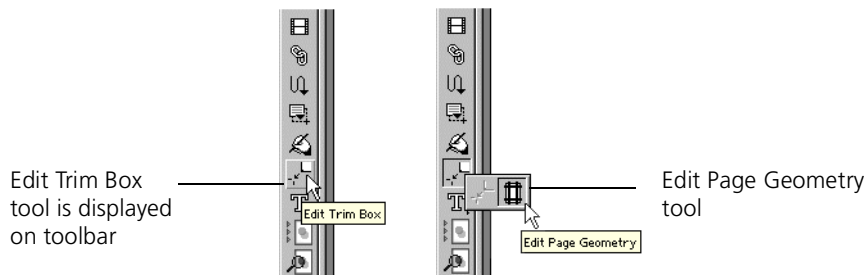


Figure 4: Selecting the Edit Page Geometry tool



The Page Geometry dialog box is displayed.

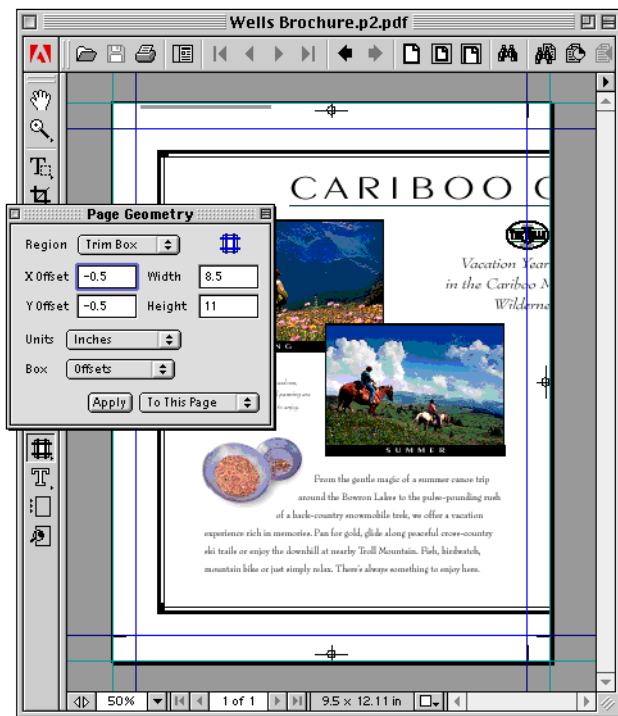


Figure 5: Page Geometry dialog box



Note: If you use the Edit Page Geometry tool, it will be displayed on the toolbar until you use the Edit Trim Box tool or end the session. When you start or restart Adobe Acrobat, the Edit Trim Box tool is always displayed on the toolbar.

3. In the **Region** box, select the region you want to modify: **Media Box**, **Crop Box**, **Trim Box**, **Bleed Box**, or **Art Box**.

For more information about **Region** options, see *Region* on page 13.

4. For **Box**, select **Offsets** or **Coordinates**.

For more information about **Box** options, see *Box* on page 15.

5. To edit the media box, crop box, trim box, bleed box, or art box, do either of the following:

- Enter new values for the region.

If **Coordinates** is selected, you can change the values in the **Left**, **Bottom**, **Right**, and **Top** boxes.

If **Offsets** is selected, you can change the values in the **X Offset**, **Y Offset**, **Width**, and **Height** boxes.

The region location on the screen moves to match the new values.

- Use the mouse to move one or more sides of the region or the entire region. See Figure 3 on page 5.

The values change to match the new region location.

6. In the **Apply** box, select the pages to which you want to apply the new settings.



7. Click **Apply**.

You have now modified the region measurements. However, before Prinergy will recognize settings that were modified in the Geometry Editor, you must rerefine the PDF page. Rerefine using a Normalize-only process plan (a process plan with the **ColorConvert**, **Trapping**, and **Thumbnail** check boxes cleared).



Trim Box and Page Geometry Settings

This section explains the settings in the Trim Box and Page Geometry dialog boxes.

Trim Box Dialog Box

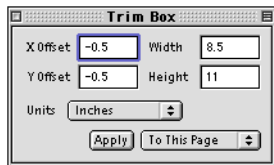


Figure 6: Trim Box dialog box

X Offset—The horizontal distance of the trim box from the bottom-left corner of the page. The **X Offset** is generally expressed as a negative number in the Trim Box dialog box.

Y Offset—The vertical distance of the trim box from the bottom-left corner of the page. The **Y Offset** is generally expressed as a negative number in the Trim Box dialog box.

Width—The width of the trim box, measured from the **X Offset**.



Height—The height of the trim box, measured from the **Y Offset**.

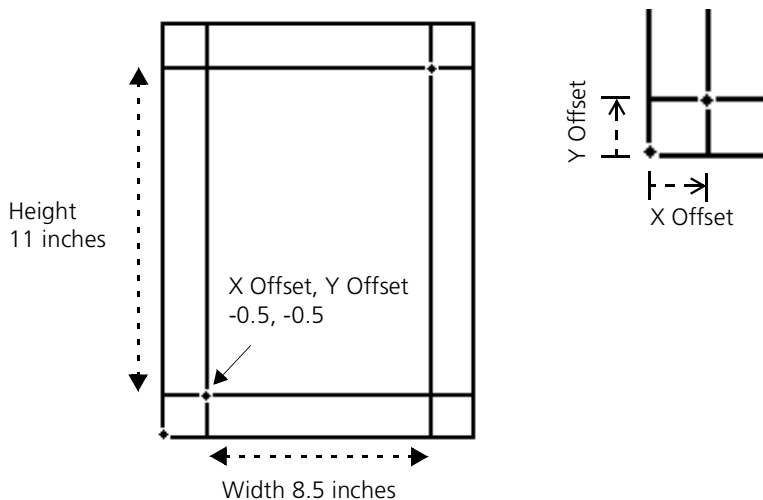


Figure 7: Trim box measurements

Units—The unit of measure in which distances in the Trim Box dialog box are displayed: **Points**, **Inches**, **Centimeters**, or **Millimeters**.

Apply—The pages to which a change in the Trim Box dialog box will be applied.



Page Geometry Dialog Box

Region

The **Region** options are:

- **Media Box**
- **Crop Box**
- **Trim Box**
- **Bleed Box**
- **Art Box**

Media Box—Rectangle specifying the natural size of the page, for example the dimensions of an A4 sheet of paper. This rectangle includes any extended area surrounding the finished page for bleed, printing marks, or other similar purposes.

Crop Box—Rectangle specifying the default clipping region for the page when it is displayed or printed. The default is the value of the **Media Box**.

Trim Box—Rectangle specifying the intended finished size of the page—for example, the dimensions of an A4 sheet of paper. In some cases, the **Media Box** will be a larger rectangle that includes printing instructions, cut marks, or other content. The default is the value of the **Crop Box**.

Bleed Box—Rectangle specifying the region to which all page content should be clipped if the page is being output in a production environment.



In a production environment, a bleed area is desired to accommodate the physical limitations of cutting, folding, and trimming equipment. The actual printed page may include printer's marks that fall outside the bleed box. The default is the value of the **Crop Box**.

Art Box—Rectangle specifying an area of the page to be used when placing PDF content into another application. The default is the value of the **Crop Box**.

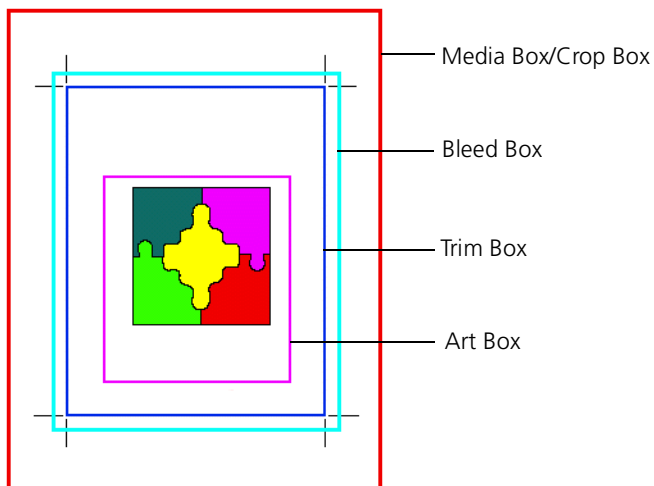


Figure 8: Page showing sample region definitions



Box

Options for **Box** are:

- **Offsets**

This option lets you set the width and height of the region.

- **Coordinates**

This option lets you set the position (coordinates) of the top-right corner of the region.

Offsets

If you select **Offsets**, the options in the Page Geometry dialog box are **X Offset**, **Y Offset**, **Width**, and **Height**.

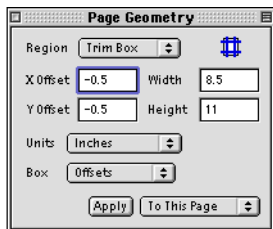


Figure 9: Page Geometry dialog box—Offsets selected

X Offset—The horizontal distance of the region from the bottom-left corner of the page. See Figure 7 on page 12.

Y Offset—The vertical distance of the region from the bottom-left corner of the page. See Figure 7 on page 12.



Width—The width of the trim box, measured from the **X Offset**.

Height—The height of the trim box, measured from the **Y Offset**.

Coordinates

If you select **Coordinates**, the options are **Left**, **Bottom**, **Right**, and **Top**.

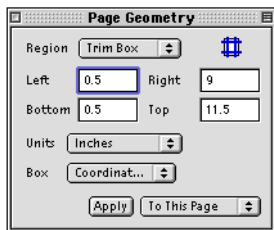


Figure 10: Page Geometry dialog box—Coordinates selected

Left—Left coordinate of the region. It is the horizontal distance from the 0,0 coordinate to the left side of the region.

Bottom—Bottom coordinate of the region. It is the vertical distance from the 0,0 coordinate to the bottom of the region.

Right—Right coordinate of the region. It is the horizontal distance from the 0,0 coordinate to the right side of the region.

Top—Top coordinate of the region. It is the vertical distance from the 0,0 coordinate to the top of the region.

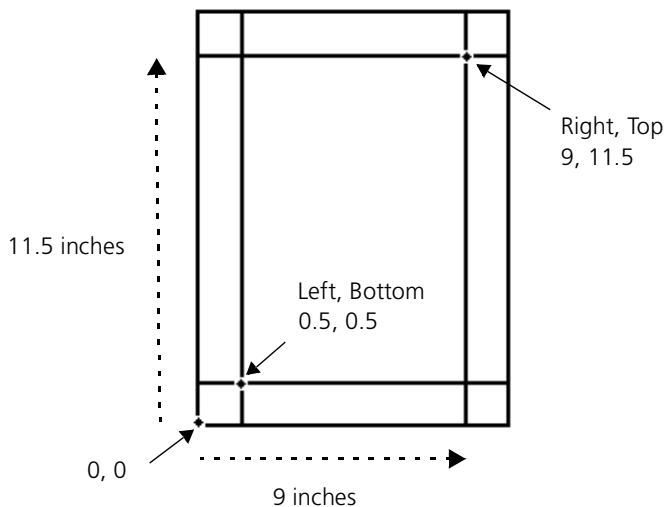


Figure 11: Co-ordinates Measurements

Units

The unit of measure in which distances are displayed in the Page Geometry dialog box: **Points**, **Inches**, **Centimeters**, or **Millimeters**.

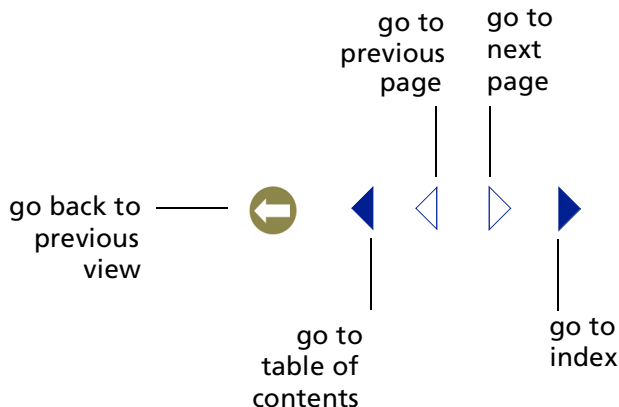
Apply

The pages to which a change in the Page Geometry box should apply.



Using This Document

Navigation icons—This document includes navigation icons at the top of the page. Click on the navigation icons to move around the document, as shown below.



Cross-references—Cross-references appear in a different color than the rest of the text, for example, see [Editing the Page Geometry](#). Click on any cross-reference to go to that section.

Table of Contents—Click on any heading in the table of contents to go to that section.

Index—Click on the page number for any entry to go to that page.



Navigation pane and bookmarks—The navigation pane on the left side of the window (unless you've hidden it), includes a complete list of the headings in the document. Click on any of these bookmarks to go to that section.

Search—In addition to using the navigation icons, you can use Adobe Acrobat's search function to search for a specific word or phrase. Choose **Find** from the **Edit** menu in Acrobat. For more information about using Acrobat, see the *Acrobat Guide*, which is available from the **Help** menu in Acrobat.



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