

About geometry assignments

To create an instruction for automatic geometry assignment, add a row in the **Geometry Assignments** tab, and then make an entry in each column in the row. Each row creates one line in the APA file.

For example the following row assigns page geometry settings to the refined page named Cover.p1.pdf.

Refined file name	Offset X	Offset Y	Trim size X	Trim size Y	Scale X	Scale Y	Orientation
Cover.p1.pdf	-36 pt	-36 pt	612.0 pt	792.0 pt	100%	100%	0

You can explicitly name the refined file or use wild cards.

Using geometry settings from the input file

You can assign geometry from one of two sources:

- From parameters set in the APA file
- From the page. To use this method, enter Mixed in the column for that parameter in the **Geometry Assignments** view, such as offsets, scaling, trim, or orientation.

Note: Some input files may not contain offsets. For example, DCS/EPS files will not contain offsets. PostScript files generated from a native software application using the Prinergy Refiner PPD will always contain offsets.

Unit of measure conversion

For **Offset X**, **Offset Y**, **Trim Size X**, **Trim Size Y**:

- On the **Geometry Assignments** tab, you can enter points, millimeters, centimeters, or inches. Valid unit entries are: pt, pts, mm, cm, in, inch, or inches.
 - If you don't enter a unit of measure, Prinergy assumes the unit is the unit set in the Prinergy Workshop Preferences dialog box.
 - If you do enter a unit of measure, Prinergy converts it to the unit of measure set in Prinergy Workshop Preferences dialog box. For example, if your Workshop Preferences measurement unit is inch and you enter 72 pt, Prinergy converts it to **1 in.**
- On the **Raw APA File** tab, the unit of measure is always points.

Example 1: Pattern matching

This example shows the use of pattern matching.

The input files, refined files, and desired geometry assignments are:

Input files	Book.pdf
Refined files	Book.p1.pdf, Book.p2.pdf, Book.p3.pdf

Desired geometry assignments	Set the geometry for the pages. Set Offset X and Offset Y to -36 points, Trim X to 612 points, and Trim Y to 792 points. Scaling is 100% and there is no change in orientation.
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In the **Geometry Assignments** view, the instruction is:

Refined file name	Offset X	Offset Y	Trim size X	Trim size Y	Scale X	Scale Y	Orientation
.p .pdf	-36 pt	-36 pt	612.0 pt	792.0 pt	100%	100%	0

In the **Raw APA File** view, the instruction is:

GEOM= "\$].p[#].pdf" -36.0 -36.0 612.0 792.0 1 1 0

Example 2: Pattern matching and assigning geometry from input files

This example shows the use of pattern matching and assigning geometry from input files.

This example has the same input files, refined files, and desired geometry assignments as in Example 1, except it uses the trim size from the input files.

In the **Geometry Assignments** view, the instruction is:

Refined file name	Offset X	Offset Y	Trim size X	Trim size Y	Scale X	Scale Y	Orientation
.p .pdf	-.5 in	-.5 in	Mixed	Mixed	100%	100%	0

In the **Raw APA File** view, the instruction is:

GEOM= "\$].p[#].pdf" -36.0 -36.0 [] [] 1 1 0

Legend

Match Letters

Match letters (a-z, A-Z) in the page filename. For example .p1.pdf matches filenames Book.p1.pdf, Front matter.p1.pdf, and JobXYZ.p1.pdf.

You can also specify the number of characters that this wild card will match.

To verify the number of characters that will be matched, move the cursor over the icon and check the length that is listed.

Match Digits

Match numbers (0-9) in the page filename. For example .p .pdf matches filenames 12345.p1.pdf, 05282003.p2.pdf, and 01.p165.pdf.

You can also specify the number of characters that this wild card will match.

To verify the number of characters that will be matched, move the cursor over the icon and check the length that is listed.

Match Either

Match letters or numbers (a-z, A-Z, 0-9) in the page filename. For example .p .pdf matches filenames 12345.p1.pdf, ABCDE.p2.pdf, Book cover99.p76.pdf, Book052803.p205.pdf.

Note: .p .pdf matches the same filenames.

You can also specify the number of characters that this wild card will match.

To verify the number of characters that will be matched, move the cursor over the icon and check the length that is listed.

This Position

Indicates that this part of the page name is the same as the page position to which the page will be assigned.

For example if you enter Book.p .pdf, a matching wild card is inserted in the **Position** column. Book.p1.pdf is assigned to position 1, Book.p2.pdf is assigned to position 2, and so on.

This Page Set (Page Set Assignment mode only)

Indicates that this part of the page name is the same as the name of the page set or page set prefix to which the page will be assigned.

For example, if you enter .p1.pdf, a matching wild card  is inserted in the **Page Set Name/Prefix** column. Book.p1.pdf would be assigned to the Book page set.

All Page Sets (Page Set Assignment mode only)

Assigns the page to the designated page position in all sets in the job.

This Product (Run List Assignment mode only)

Indicates that this part of the page name is the same as the name of the product.

For example, if you enter .p .pdf, a matching wild card  is inserted in the **Product Run List** column. If your product is Book, page Book.p1.pdf will be assigned to position 1 in the Book run list, page Book.p2.pdf will be assigned to position 2 in the Book run list and so on.

All Products (Run List Assignment mode only)

Assigns the page to the designated page positions in the run lists of all the products.

This Part (Run List Assignment mode only)

Indicates that this part of the page name is the same as the name of the part.

For example, if you enter .p .pdf, a matching wild card  is inserted in the **Part Run List** column. If your part is Cover, page Cover.p1.pdf will be assigned to position 1 in the Cover run list, page Cover.p2.pdf will be assigned to position 2 in the Cover run list and so on.

All Parts (Run List Assignment mode only)

Assigns the page to the designated page positions in the run lists of all the parts.

