

Example 7: Using math expressions to determine page set position

This example shows the use of math expressions in the APA file.

The input files, refined pages, and desired page assignments are:

Input files	1_frontcovers.pdf, 2_intro.pdf, 3_chpt_1.pdf, 4_chpt_2.pdf, 5_chpt_3.pdf, 6_chpt_4.pdf, 7_appendix.pdf
Refined pages	1_frontcovers.p1.pdf to 1_frontcovers.p10.pdf 2_intro.p1.pdf ... 2_intro.p38.pdf 3_chpt_1.p1.pdf ... 3_chpt_1.p516.pdf 4_chpt_2.p1.pdf ... 4_chpt_2.p8.pdf 5_chpt_3.p1.pdf ... 5_chpt_3.p30.pdf 6_chpt_4.p1.pdf ... 6_chpt_4.p8.pdf 7_appendix.p1.pdf
Desired page assignments	The 10 pages from the 1_frontcovers file assigned to page positions one to 10. The 38 pages from the 2_intro file assigned to page positions 11 to 49. The 516 pages from the 3_chpt_1 file assigned to page positions 50 to 566. The 8 pages from the 4_chpt_2 file assigned to page positions 567 to 575. The 30 pages from the 5_chpt_3 file assigned to page positions 576 to 606. The 8 pages from the 6_chpt_4 file assigned to page positions 607 to 615. The pages from the 7_appendix file assigned to page positions from 616 on.

This example includes all the page assignment statements for a book that consists of seven files. The page position is calculated using the page number from the refined page name plus the number of pages in each of the preceding files.

In the **Page Assignments** view, the instructions are:

Refined file name	Page set name/prefix	Position	Layer
1_frontcovers.p .pdf			1
2_intro.p .pdf		+10	1
3_chpt_1.p .pdf		+10+38	1
4_chpt_2.p .pdf		+10+38+516	1
5_chpt_3.p .pdf		+10+38+516+8	1

6_chpt_4.p .pdf		+10+38+516+8+30	1
7_appendix.p .pdf		+10+38+516+8+30+8	1

In the **Raw APA File** view, the instructions are:

ASSIGN= "1_frontcovers.p[#PgPosition].pdf" "*" [#PgPosition] 1

ASSIGN= "2_intro.p[#PgPosition].pdf" "*" [#PgPosition]+10 1

ASSIGN= "3_chpt_1.p[#PgPosition].pdf" "*" [#PgPosition]+10+38 1

ASSIGN= "4_chpt_2.p[#PgPosition].pdf" "*" [#PgPosition]+10+38+516 1

ASSIGN= "5_chpt_3.p[#PgPosition].pdf" "*" [#PgPosition]+10+38+516+8 1

ASSIGN= "6_chpt_4.p[#PgPosition].pdf" "*" [#PgPosition]+10+38+516+8+30 1

ASSIGN= "7_appendix.p[#PgPosition].pdf" "*" [#PgPosition]+10+38+516+8+30+8 1