

IPDS Terms Illustrated

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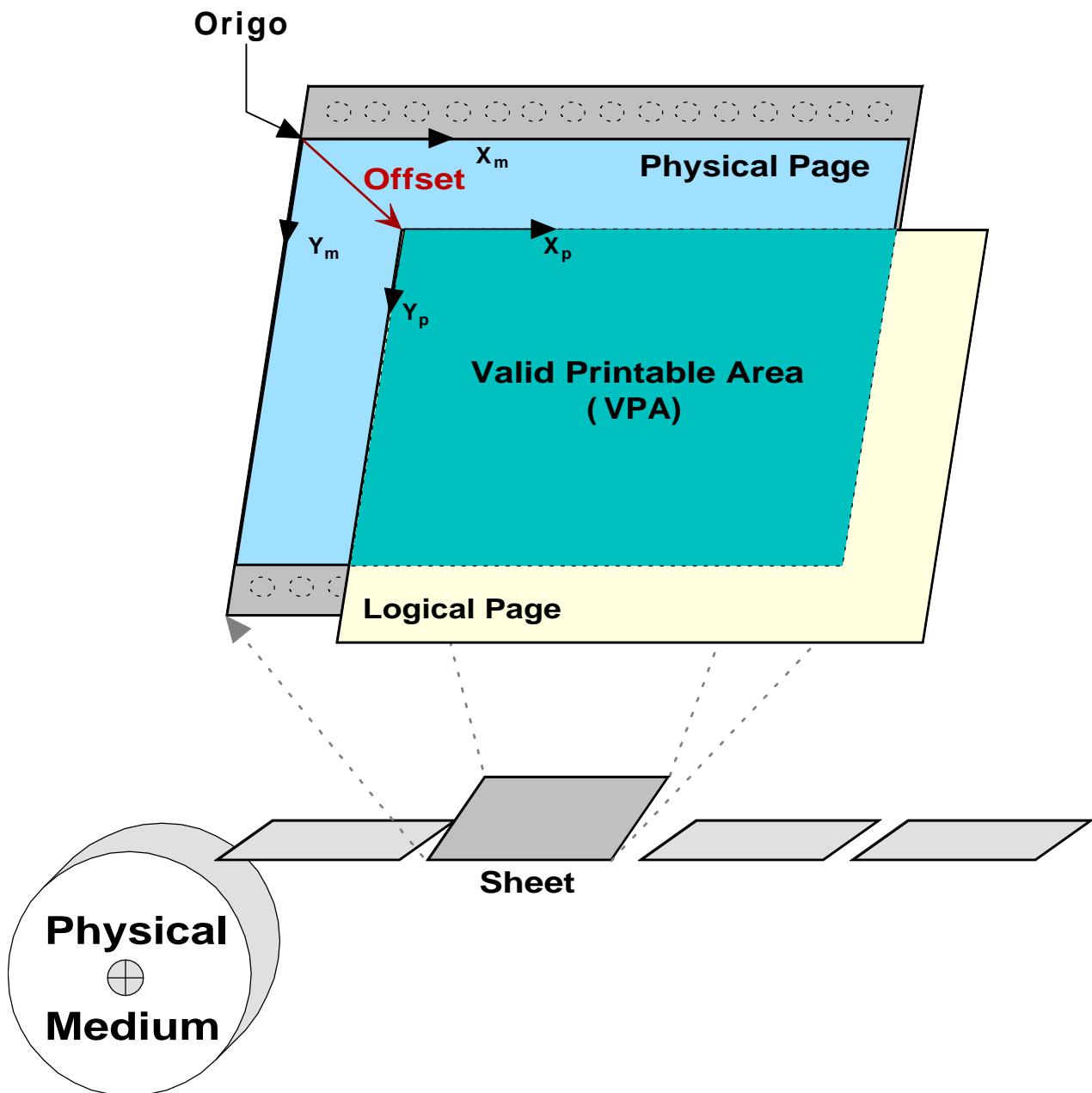
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Offset and the Valid Printable Area

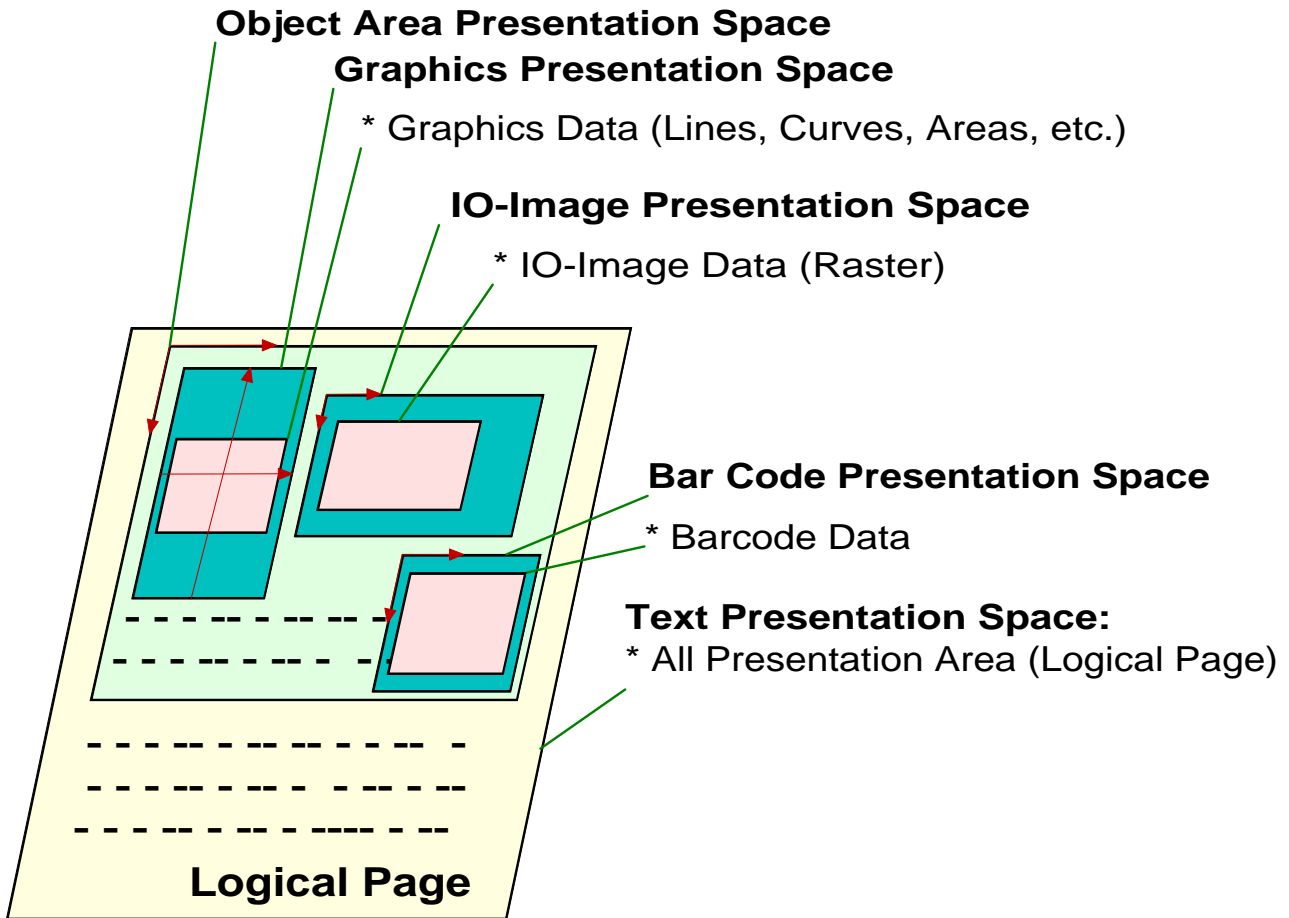
Physical Page (also called the **Medium Presentation Space**) is that part of the **Sheet** that the printer can address

Logical Page (also called the **Presentation Space**) gets its size from the layout, defined by the **Host Application**.

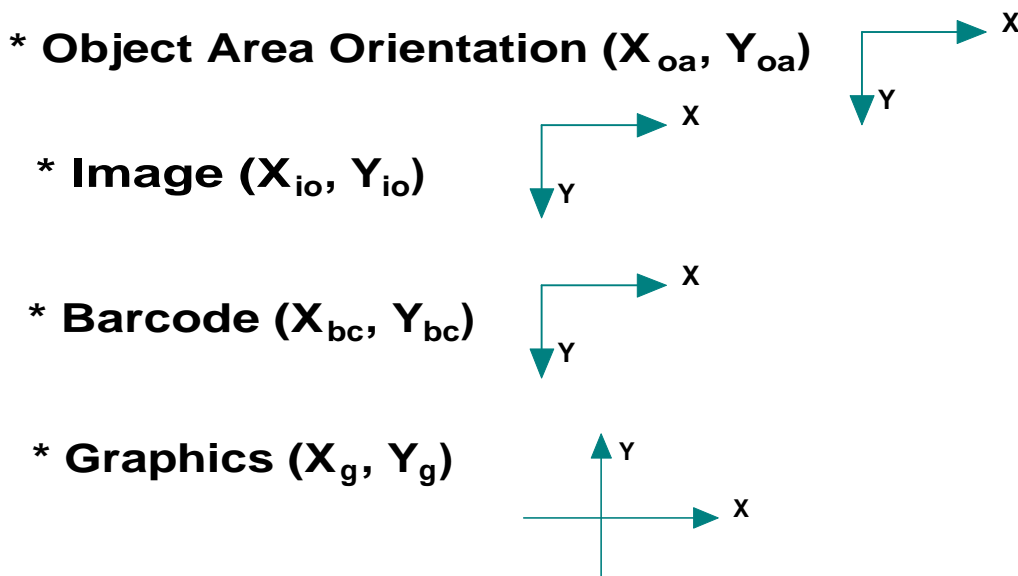
Valid Printable Area is that part of the **Layout** that merge with the part of the sheet, that the printer can address.



The Presentation Spaces and Their Data



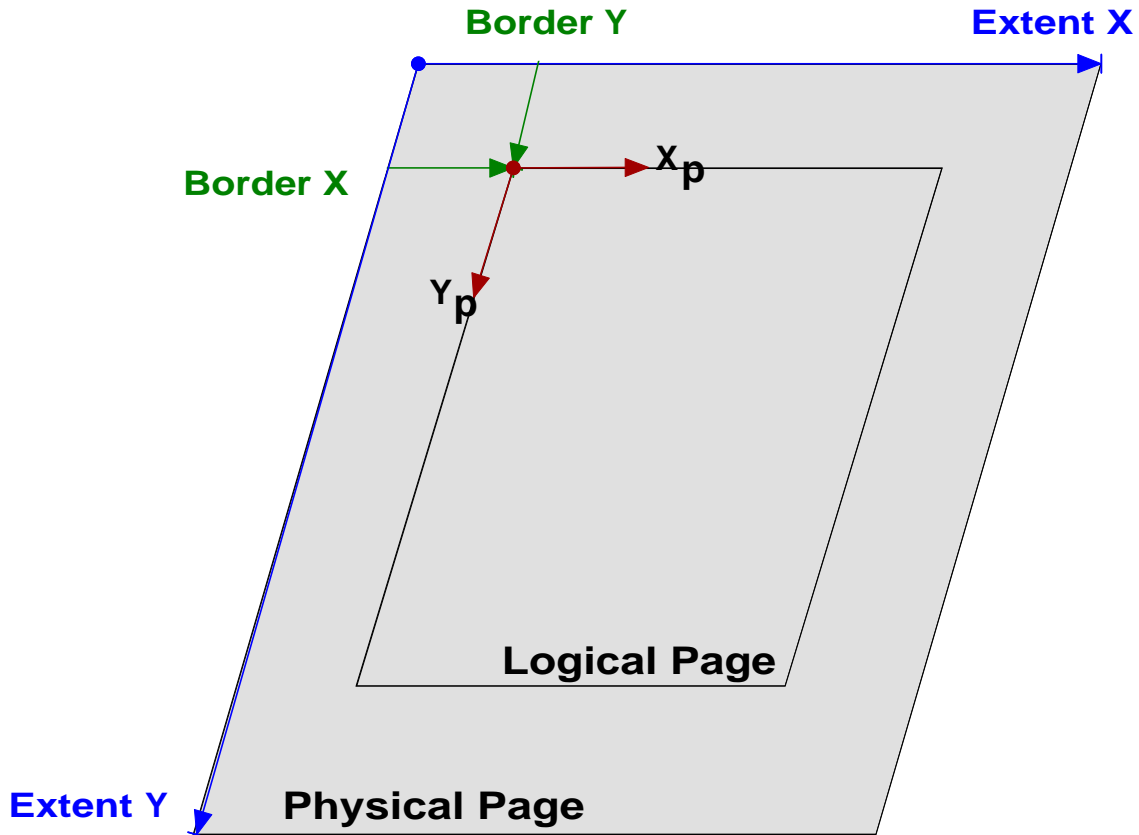
The Presentation Spaces and Their Orientation



The Paper Extents and Borders

Logical Page Height =
 $\text{Extent Y} - (2 * \text{Border Y})$

Logical Page Width =
 $\text{Extent X} - (2 * \text{Border X})$



IPDS Coordinate names

Baseline = Text Y Direction

Inline = Text X Direction

I_o & B_o = Initial Inline & Baseline Text Coordinates

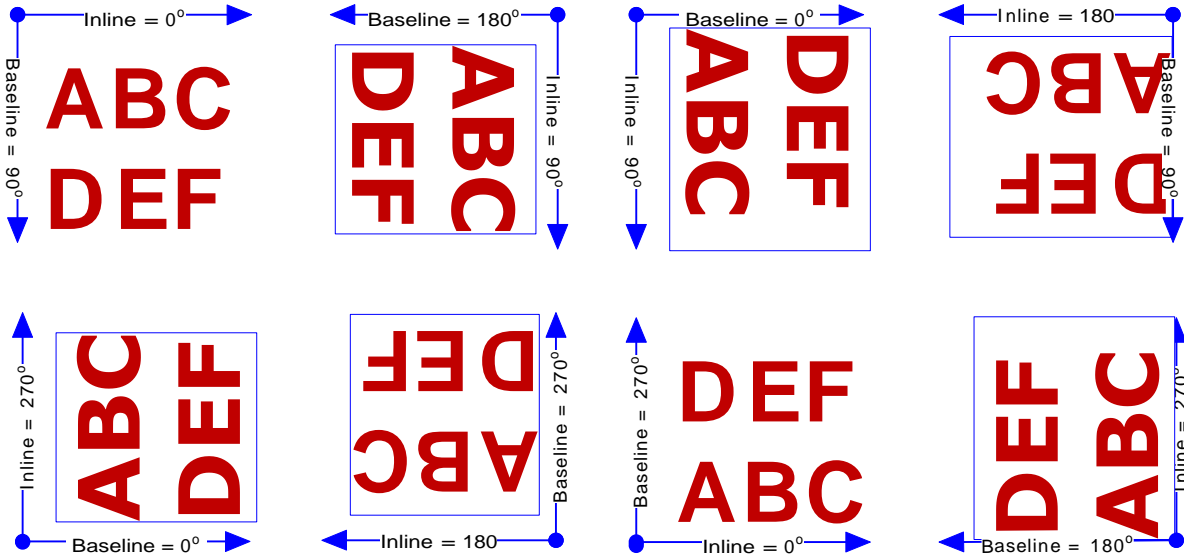
I_c & B_c = Current Inline & Baseline Text Coordinates

X_m & Y_m = Physical Page

X_p & Y_p = Logical Page

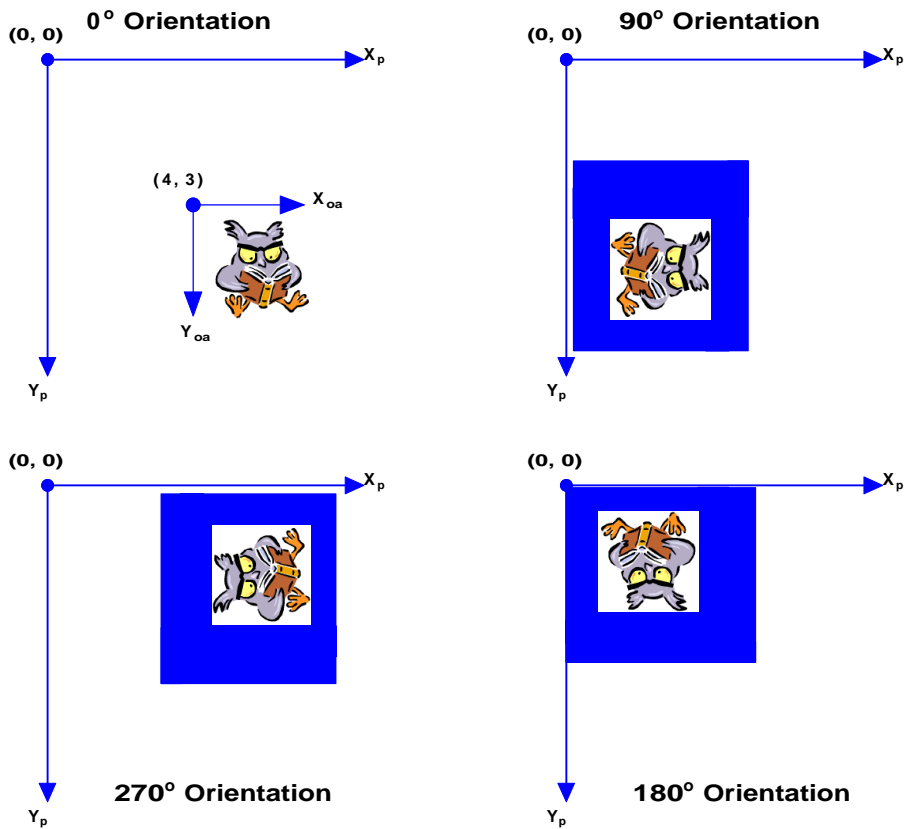
X_g & Y_g = Graphical Presentation Space

TEXT ROTATION



Rotation Relative to Page(X_p, Y_p)

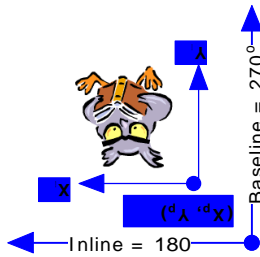
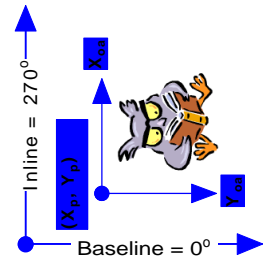
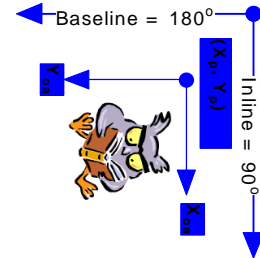
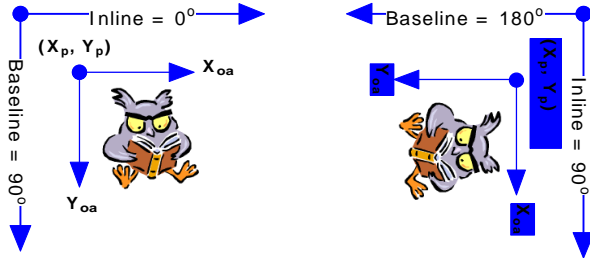
Rotation Around One Axis
(Steady X_p, Y_p - Turning X_{oa}, Y_{oa})



Object Area Rotation I

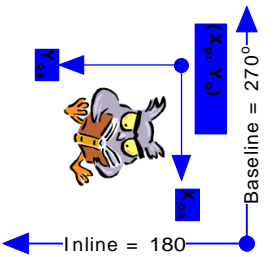
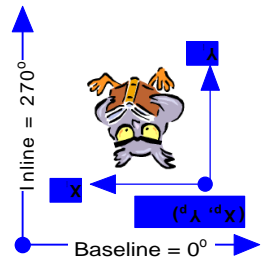
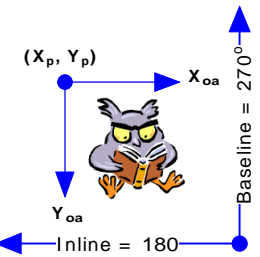
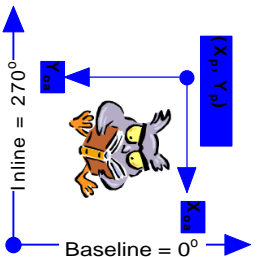
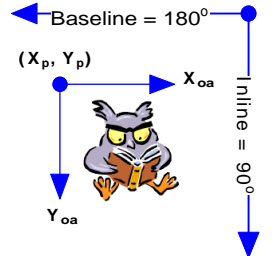
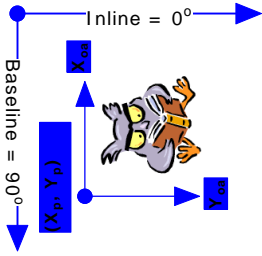
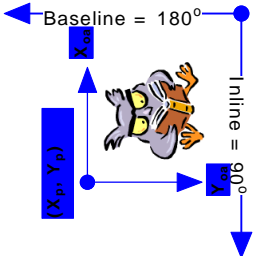
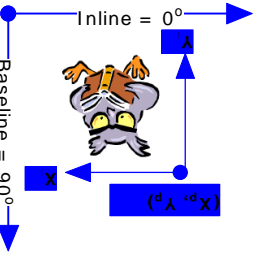
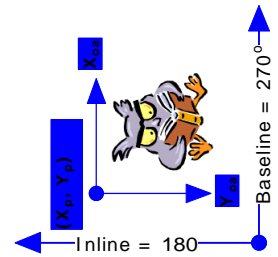
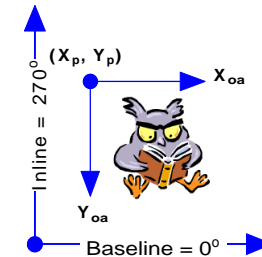
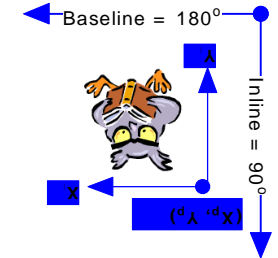
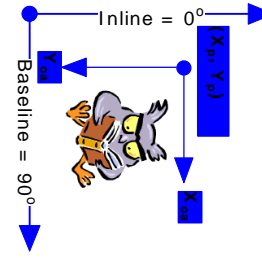
**Full Rotation of Page
in respect to Inline**

with object rotated 0°
relative to Page



**Full Rotation of Page
in respect to Inline**

with object rotated 90°
relative to Page



**Full Rotation of Page
in respect to Inline**

with object rotated 270°
relative to Page

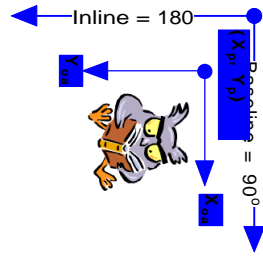
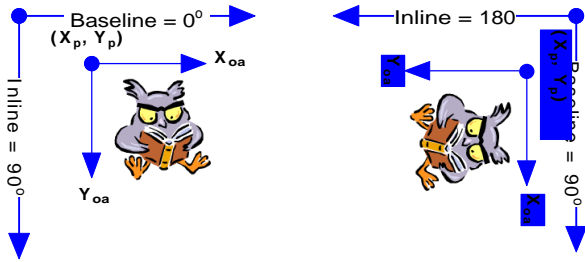
**Full Rotation of Page
in respect to Inline**

with object rotated 180°
relative to Page

Object Area Rotation II

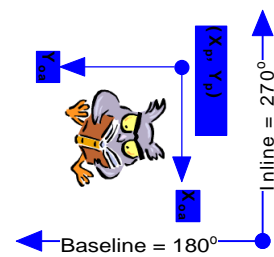
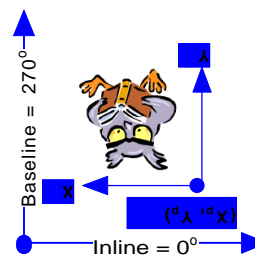
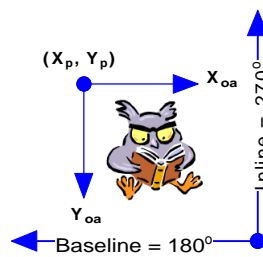
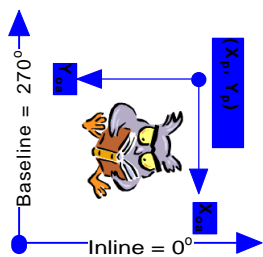
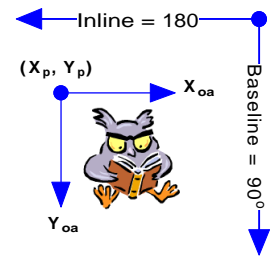
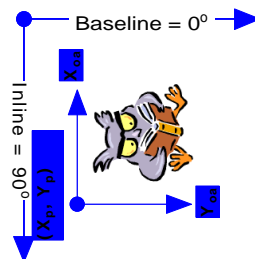
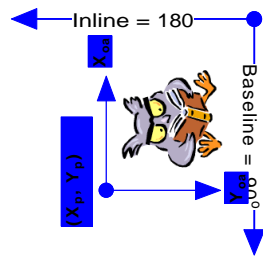
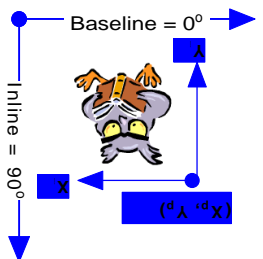
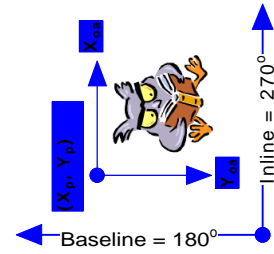
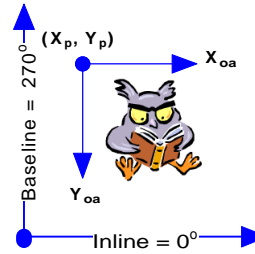
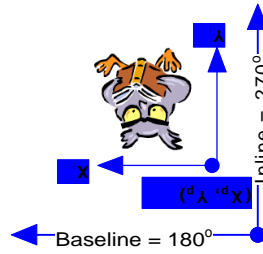
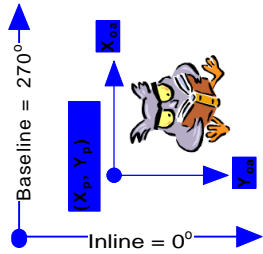
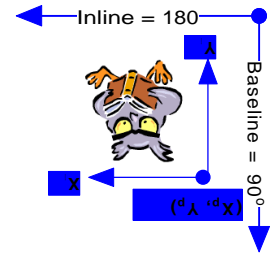
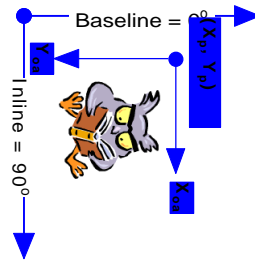
Full Rotation of Page
in respect to Baseline

with object rotated 0°
relative to Page



Full Rotation of Page
in respect to Baseline

with object rotated 90°
relative to Page



Full Rotation of Page
in respect to Baseline

with object rotated 270°
relative to Page

Full Rotation of Page
in respect to Baseline

with object rotated 180°
relative to Page