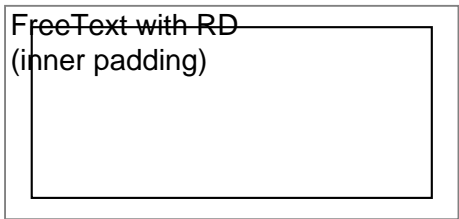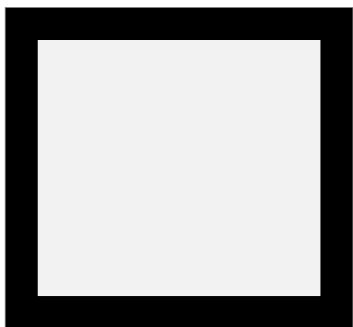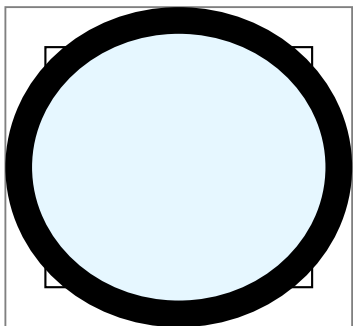# PDF Annotation RD Demo (/RD ? Rectangle Differences)

This page demonstrates how the /RD array defines the difference between an annotation's /Rect and its actual content area. We visualize the outer /Rect and the inner content box (/Rect inset by /RD). Under scaling, BOTH /Rect and /RD should scale proportionally.

FreeText with RD
(inner padding)

/Rect = [90.0 220.0 260.0 300.0]
/RD = [10 8 10 8] (content = dashed box)

/Rect = [100.0 400.0 230.0 520.0]
/RD = [12 16 12 16] (content = dashed box)

/Rect = [110.0 580.0 240.0 700.0]
/RD = [15 15 15 15] (content = dashed box)

Legend:
? Solid gray box = /Rect (annotation bounding box)
? Dashed black box = content area (/Rect inset by /RD)
On scaling, multiply both the /Rect coordinates and each /RD inset by the scaling factors.