

Generic 2D File Formats

(Standard Two-Dimensional Graphics Filetypes)

(Pixel-based images only)

Bit-Mapped *(Raster) Graphics*

TIFF *(Tagged Image File Format)*

Also TIF.

USES: High quality print. Digital photography, scanning, painting, image manipulation. When high image quality is critical.

PNG *(Portable Network Graphics)*

USES: When file size must be moderate, but image quality must be good.

JPEG *(Joint Photographic Experts Group)*

Also JPG.

USES: When file size must be minimized, but color gamut must be satisfactory.

(May contain both objects & bitmaps)

Object-Oriented *(Vector) Graphics*

PICT *(Picture Format)*

Older Macintosh graphics format.

USES: Combined raster and vector images (non-PostScript).

PDF *(Portable Document Format)*

USES: Combined raster and vector images (including PostScript).

EPS *(Encapsulated PostScript)*

Same as PDF, but PostScript elements are editable.

USES: Editing images containing PostScript elements using applications like Adobe Illustrator.