

Problems leading to idea of Type 1 fonts:

In applications, want to preview:

Need bitmaps for screens associated with outline fonts

Not desirable to make full PS interpreter available (piracy)

IF have interpreter, poor quality bitmaps generated because of low resolution

In printer:

Poor quality bitmaps generated at lower point sizes

Need to protect fonts against piracy

Need to compress font definitions to conserve on real memory

Hard to control quality of fonts when entire language is available

SOLUTIONS:

Encrypted compressed hinting limited Type 1 language

Adobe Type Manager underneath applications Type 1 language interpreter

Really fast Type 1 sublanguage execution