

File 1

```

000: 2550 4446 2d31 2e33 0a25 e2e3 cfd3 0a0a %PDF-1.3.%.....
010: 0a31 2030 206f 626a 0a3c 3c2f 5769 6474 .1 0 obj.<</Width
020: 6820 3220 3020 522f 4865 6967 6874 2033 h 2 0 R/Height 3
030: 2030 2052 2f54 7970 6520 3420 3020 522f 0 R/Type 4 0 R/
040: 5375 6274 7970 6520 3520 3020 522f 4669 Subtype 5 0 R/Fi
050: 6c74 6572 2036 2030 2052 2f43 6f6c 6f72 lter 6 0 R/Color
060: 5370 6163 6520 3720 3020 522f 4c65 6e67 Space 7 0 R/Leng
070: 7468 2038 2030 2052 2f42 6974 7350 6572 th 8 0 R/BitsPer
080: 436f 6d70 6f6e 656e 7420 383e 3e0a 7374 Component 8>>.st
090: 7265 616d 0aff d8ff ean.....$SHA-1
0a0: 2069 7320 6465 6164 is dead!!!!!!./..
0b0: 0923 3975 9c39 b1a1 c63c 4c97 e1ff fe01 #9u.9...<L.....
0c0: 7346 dc93 a6b6 7e01 3b02 9aaa 1db2 560b F.....;.....V.
0d0: 45ca 67d6 88c7 f84b 8c4c 791f e02b 3df6 l.g....K.Ly...+*.
0e0: 14f8 6db1 6909 01c5 6b45 c153 0afe dfb7 .m.i...kE.S....
0f0: 6038 e972 722f e7ad 728f 0e49 04e0 46c2 8.r/r/..r...I..F.
100: 3057 0fe9 d413 98ab e12e f5bc 942b e335 OW.....+*5
110: 42a4 802d 98b5 d70f 2a33 2ec3 7fac 3514 B.....*3...5.
120: e74d dc0f 2cc1 a874 cd0c 7830 5a21 5660 .M.....t..x0Z!Vd
130: 6130 9789 606b d0bf 3f98 cda8 0446 2911 a0...`k..?....F).

```

comment length: 0x017f

PDF header

image object
declarationJPG header and
comment declaration

same hash at this point

```

230: 0000 fffe 012d 0000 0000 0000 0000 ffe0 .....-.....
240: 0010 4a46 4946 0001 0101 0048 0048 0000 ..JFIF.....H.H..
3a0: e9d6 d667 a7b0 7e65 1299 e39d 39c0 c7ff ...g...e.....9...
3b0: d92d 2d2d 2dff e000 104a 4649 4600 0101 .....JFIF...
3c0: 0100 4800 4800 00ff db00 4300 0101 0101 ..H.H.....C.....
4e0: 4b14 97f7 7f39 fcd7 f1ff d90a 656e 6473 K....9.....ends
4f0: 7472 6561 6d0a 656e 646f 626a 0a0a 3220 tream.endobj..2
500: 3020 6f62 6a0a 380a 656e 646f 626a 0a0a 0 obj.8.endobj..
840: 3e0a 0a73 7461 7274 7872 6566 0a31 3830 >..startxref.180
850: 380a 2525 454f 460a

```

first image data

second image data
(ignored)

PDF footer

File 2

```

2550 4446 2d31 2e33 0a25 e2e3 cfd3 0a0a %PDF-1.3.%.....
0a31 2030 206f 626a 0a3c 3c2f 5769 6474 .1 0 obj.<</Width
6820 3220 3020 522f 4865 6967 6874 2033 h 2 0 R/Height 3
2030 2052 2f54 7970 6520 3420 3020 522f 0 R/Type 4 0 R/
5375 6274 7970 6520 3520 3020 522f 4669 Subtype 5 0 R/Fi
6c74 6572 2036 2030 2052 2f43 6f6c 6f72 lter 6 0 R/Color
5370 6163 6520 3720 3020 522f 4c65 6e67 Space 7 0 R/Leng
7468 2038 2030 2052 2f42 6974 7350 6572 th 8 0 R/BitsPer
436f 6d70 6f6e 656e 7420 383e 3e0a 7374 Component 8>>.st
7265 616d 0aff d8ff ean.....$SHA-1
2069 7320 6465 6164 is dead!!!!!!./..
0923 3975 9c39 b1a1 c63c 4c97 e1ff fe01 #9u.9...<L.....
0c0: 7346 dc91 66b6 7e11 8f02 9ab6 21b2 560b aF..f..-.....!..V.
0d0: f9ca 67cc a8c7 f85b a84c 7903 0c2b 3de2 .g....[.Ly...+*.
18f8 6db3 a909 01d5 df45 c141 26fe dfb3 .m.....E.Ok...
dc38 e96a c22f e7bd 728f 0e45 bce0 46d2 .8.j/..r...E..F.
3c57 0feb 1413 88bb 552e f5a0 a82b e331 <W.....U.....+1
fea4 8037 b855 d71f 0e33 2edf 93ac 3500 ...7.....3.....5.
eb4d dc0d ecc1 a864 790c 782c 7621 5660 .M.....dy.x.v!V
dd30 9781 d06b d0af 3f98 cda4 bc46 29b1 .0...k..?....F).

```

comment length: 0x0173

comments chain

first image data
(ignored)

second image data

Identical
prefixCollision
blocks

Suffix