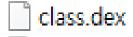


Dex



160,605

469,348

66% DEX 파일

Android 런타임에서 궁극적으로 실행되는 코드

Smali



IconCompatParcelizer.smali

2020-12-23 오전 3:21 SMALI 파일

2KB

Dex를 읽을 수 있게 바꾼 것

header

String_ids

type_ids

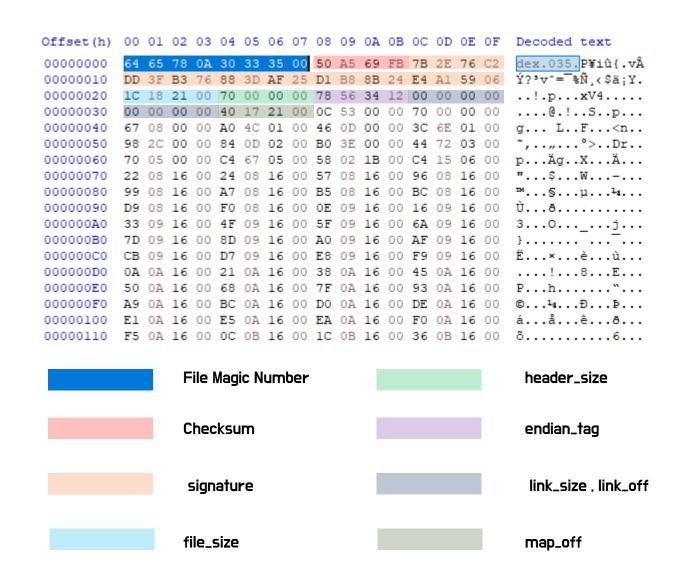
proto_ids

field_ids

 $method_ids$

class_defs

header
String_ids
type_ids
proto_ids
field_ids
method_ids
class_defs
data



header String_ids type_ids proto_ids field_ids method_ids class_defs data

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F Decoded text

000000000 64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2 dex.035.P\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\
```

header

String_ids

type_ids

proto_ids

field_ids

method_ids

class_defs

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
                                                    Decoded text
         64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
                                                    dex.035.P¥iû{.vÂ
00000010
        1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
                                                    ..!.p...xV4.....
00000020
00000030
         00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00 ....@.!..S..p...
                              46
00000040
         67 08 00 00 A0 4C 01
                                 OD 00 00 3C 6E 01 00 g... L..F...<n..
        98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00 ",......°>..Dr..
00000050
         70 05 00 00 C4 67 05 00 58 02 1B 00 C4 15 06 00
                                                    p...Äg..X...Ä...
00000070 22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00 "...$...W...-...
```

header String_ids type_ids proto_ids field_ids method_ids class_defs data

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
                                                           Decoded text
                                                           dex.035.P¥iû{.vÂ
         64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
00000000
                                                           Ý?*v^=~%Ñ,<$ä;Y.
         DD 3F B3 76 88 3D AF 25 D1 B8 8B 24 E4 A1 59 06
00000010
00000020
         1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
                                                           ..!.p...xV4.....
00000030
          00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00
                                                           ....@.!..S..p...
         67 08 00 00 A0 4C 01 00 46 0D 00 00 3C 6E 01 00
                                                           g... L..F...<n..
00000040
         98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00
                                                           ~, ..., ... °>..Dr..
00000050
00000060
                                                           p...Äg..X...Ä...
          70 05 00 00 C4 67 05 00 58 02 1B 00 C4 15 06 00
00000070
         22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00
                                                           "...$...W...-...
08000000
          99 08 16 00 A7 08 16 00 B5 08 16 00 BC 08 16 00
                                                           тм...§...µ...4....
         D9 08 16 00 F0 08 16 00 0E 09 16 00 16 09 16 00
00000090
000000A0
          33 09 16 00 4F 09 16 00 5F 09 16 00 6A 09 16 00 3...O... j...
```

header

String_ids

type_ids

proto_ids

field_ids

method_ids

class_defs

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
                                                          dex.035.P¥iû{.vÂ
          64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
         DD 3F B3 76 88 3D AF 25 D1 B8 8B 24 E4 A1 59 06 Y?"v^= %N, <$\"a; Y.
00000010
         1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
                                                         ..!.p...xV4.....
00000020
00000030
         00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00 ....@.!..S..p...
00000040 67 08 00 00 A0 4C 01 00 46 0D 00 00 3C 6E 01 00 g... L..F...<n..
00000050
          98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00
00000060
                              00 58 02 1B 00 C4 15 06 00 p...Äg..X...Ä...
         22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00
00000070
         99 08 16 00 A7 08 16 00 B5 08 16 00 BC 08 16 00
00000080
         D9 08 16 00 F0 08 16 00 0E 09 16 00 16 09 16 00 Ù...8.....
00000090
```

header

String_ids

type_ids

proto_ids

field_ids

method_ids

class_defs

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
                                                          Decoded text
                                                          dex.035.P¥iû{.vÂ
00000000
          64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
                                                          Ý?*v^=~%Ñ,<$ä;Y.
00000010 DD 3F B3 76 88 3D AF 25 D1 B8 8B 24 E4 A1 59 06
                                                          ..!.p...xV4.....
00000020
         1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
00000030
         00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00
                                                         ....@.!..S..p...
00000040 67 08 00 00 A0 4C 01 00 46 0D 00 00 3C 6E 01 00
                                                          g... L..F...<n..
00000050 98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00
                                                           ~,.."...°>..Dr..
         70 05 00 00 C4 67 05 00 58 02 1B 00 C4 15 06 00
                                                          p...Äg..X...Ä...
00000060
         22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00
00000070
00000080 99 08 16 00 A7 08 16 00 B5 08 16 00 BC 08 16 00 M...S...µ...4...
```

header

String_ids

type_ids

proto_ids

field_ids

method_ids

class_defs

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F Decoded text
                                                           dex.035.P¥iû{.vÂ
          64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
                                                          Ý?³v^=~%Ñ,<$ä;Y.
00000010 DD 3F B3 76 88 3D AF 25 D1 B8 8B 24 E4 A1 59 06
                                                           ...!.p....xV4.....
00000020
         1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
00000030
          00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00 ....@.!..S..p...
00000040 67 08 00 00 A0 4C 01 00 46 0D 00 00 3C 6E 01 00
                                                           g... L..F...<n..
          98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00
                                                          ~,.."...°>..Dr..
00000050
00000060
          70 05 00 00 C4 67 05 00 58 02 1B 00 C4 15 06 00
                                                           р...Äg..<mark>Х...Ä...</mark>
          22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00
                                                           "...$...W...-...
00000070
         99 08 16 00 A7 08 16 00 B5 08 16 00 BC 08 16 00 ™...§...µ...-4...
```

header

String_ids

type_ids

proto_ids

field_ids

method_ids

class_defs

```
Offset(h) 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F Decoded text
                                                           dex.035.P¥iû{.vÂ
00000000
          64 65 78 0A 30 33 35 00 50 A5 69 FB 7B 2E 76 C2
                                                          Ý?'v^=~%Ñ,<$ä;Y.
00000010 DD 3F B3 76 88 3D AF 25 D1 B8 8B 24 E4 A1 59 06
00000020
          1C 18 21 00 70 00 00 00 78 56 34 12 00 00 00 00
                                                           ..!.p...xV4.....
00000030
                                                          ....@.!..S..p....
          00 00 00 00 40 17 21 00 0C 53 00 00 70 00 00 00
00000040 67 08 00 00 A0 4C 01 00 46 0D 00 00 3C 6E 01 00
                                                          g... L..F...<n..
         98 2C 00 00 84 0D 02 00 B0 3E 00 00 44 72 03 00
00000050
                                                          ~,.."...°>..Dr..
00000060 70 05 00 00 C4 67 05 00 58 02 1B 00 C4 15 06 00
                                                          p...Äg..X...Ä...
00000070 22 08 16 00 24 08 16 00 57 08 16 00 96 08 16 00
                                                          "...$...W...-...
08000000
          99 08 16 00 A7 08 16 00 B5 08 16 00 BC 08 16 00
                                                          тм...§...µ...4....
00000090 D9 08 16 00 F0 08 16 00 0E 09 16 00 16 09 16 00
000000A0 33 09 16 00 4F 09 16 00 5F 09 16 00 6A 09 16 00 3...O...j...
```



```
ublic void onClick(View v) {
  ActivityC0009.this.f11 = 0;
      StringBuilder kevString = new StringBuilder():
      for (Object chr: new Object[]{65, 112, 112, 97, 114, 101, 110, 116, 108, 121, 32, 116, 104, 105, 115, 32, 110, 111, 116, 32, 116, 104, 101, 32, 102, 108, 97, 103, 46, 32, 87, 104, 97, 116, 3
          keyString.append(((Character) chr).charValue());
      if (editText.getText().toString().equals(keyString.toString())) {
          textView.setText(" ");
      } else {
          textView.setText("X");
  } catch (J | Error | Exception unused) {
      String flagString = editText.getText().toString();
      if (flagString.length() != 48) +
          textView.setText("X");
          return;
      for (int i = 0; i < flagString.length() / 4; i++) {</pre>
          ActivityC0009.this.f12[i] = (long) (flagString.charAt((i * 4) + 3) \ll 24);
          long[] jArr = ActivityC0009.this.f12;
         jArr[i] = jArr[i] | ((long) (flagString.charAt((i * 4) + 2) << 16));</pre>
          long[] jArr2 = ActivityC0009.this.f12;
         jArr2[i] = jArr2[i] | ((long) (flagString.charAt((i * 4) + 1) << '\b'));</pre>
          long[] jArr3 = ActivityC0009.this.f12;
          jArr3[i] = jArr3[i] | ((long) flagString.charAt(i * 4));
      ActivityC0009 r6 = ActivityC0009.this:
      if (((C0007R.m0(ActivityC0009.this.f12[ActivityC0009.this.f11], 4294967296L)[0] % 4294967296L) + 4294967296L != ActivityC0009.this.f13class[ActivityC0009.this.f11]) {
          textView.setText("X");
          return;
      ActivityC0009.this.f11++;
      if (ActivityC0009.this.f11 >= ActivityC0009.this.f12.length) {
          textView.setText("▶");
          return:
      throw new RuntimeException();
```

```
public static long[] m0(long a, long b) {
    if (a == 0) {
        return new long[]{0, 1};
    }
    long[] r = m0(b % a, a);
    return new long[]{r[1] - ((b / a) * r[0]), r[0]};
}
```

```
ans = []
sunsir = []
def num_maker(a, b, c, d):
    return a + (b << 8) + (c << 16) + (d << 24)
def m0(a, b):
     if a == 0:
         return 0, 1
    sub_a, sub_b = m0(b%a, a)
    return sub_b - ((b/a) * sub_a), sub_a
word = 'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklnmopqrstuvwxyz0123456789!?_{}'
hind = [40999019, 2789358025L, 656272715, 18374979, 3237618335L, 1762529471, 685548119, 382114257, 1436905469, 2126016673, 3318315423L, 797150821]
time = 0
 For i in word:
     for j in word:
         for k in word:
              for 1 in word:
                  a = m0(num_maker(ord(i), ord(j), ord(k), ord(l)), 4294967296)[0] % 4294967296
                  if a in hind:
                                                       國 선택 C:₩Windows₩System32₩cmd.exe - a.py
                                                                                                                                                                           - 🗆 X
                       ans.append([i,j,k,1])
                                                          sub_a, sub_b = m0(b%a, a)
                       sunsir.append(a)
                                                        File "D:\2zcode\a.py", line 10, in m0
                                                        sub_a, sub_b = m0(b%a, a)
print(ans)
                                                       File "D:\2zcode\a.py", line 10, in m0
print(sunsir)
                                                         sub_a, sub_b = m0(b%a, a)
                                                       KeyboardInterrupt
                                                      D:\2zcode>a.py
[['C', 'T', 'F', '{'], ['U', 'e', '_', 'l'], ['a',
, 'e', 'p'], ['m', 's', '!', '}'], ['y', '0', 'u',
], ['_', 'y', '0', 'u']]
                                                       [40999019L, 1436905469L, 2126016673L, 656272715L, 685548119L, 18374979L, 797150821L, 2789358025L, 382114257L, 1762529471
L, 3318315423L, 3237618335L]
```

```
sunsir = []
def num_maker(a, b, c, d):
                                                     << = 비트를 왼쪽으로
    return a + (b << 8) + (c << 16) + (d << 24)
def m0(a, b):
                                                     0011 << 2 == 1100
    if a == 0:
       return 0, 1
    sub a, sub b = m0(b\%a, a)
   return sub_b - ((b/a) * sub_a), sub_a
word = 'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklnmopqrstuvwxyz0123456789!? {}'
hind = [40999019, 2789358025L, 656272715, 18374979, 3237618335L, 1762529471, 685548119, 382114257, 1436905469, 2126016673, 3318315423L, 797150821]
time = 0
  or i in word:
    for j in word:
        for k in word:
           for 1 in word:
               a = m0(num_maker(ord(i), ord(j), ord(k), ord(l)), 4294967296)[0] % 4294967296
               if a in hind:
                   ans.append([i,j,k,1])
                   sunsir.append(a)
print(ans)
print(sunsir)
```

CTF{y0u c4n k3ep y0u? m4gic 1 h4Ue laser b3ams!}