

```
==21708==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x607000001180 at pc 0x000000611503 bp 0x7ffdf3387750 sp 0x7ffdf3387748
READ of size 1 at 0x607000001180 thread T0
#0 0x611502 in AP4 BytesToUInt32BE(unsigned char const*) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4Utils.h:78:22
#1 0x611502 in AP4_CttsAtom::AP4_CttsAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4CttsAtom.cpp:89
#2 0x60fce2 in AP4_CttsAtom::Create(unsigned int, AP4_ByteStream&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4CttsAtom.cpp:52:16
#3 0x5d310c in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:479:20
#4 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#5 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#6 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#7 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#8 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#9 0x5d2922 in AP4 AtomFactory::CreateAtomFromStream(AP4 ByteStream&, unsigned long long&, AP4 Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#10 0x61bf3d in AP4 DrefAtom::AP4 DrefAtom(unsigned int, unsigned char, unsigned int, AP4 ByteStream&, AP4 AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#11 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#12 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#13 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#14 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#15 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#16 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#17 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#18 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#19 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#20 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#21 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#22 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#23 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#24 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#25 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#26 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#27 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#28 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#29 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#30 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp;796;20
#31 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#32 0x61bf3d in AP4 DrefAtom::AP4 DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#33 0x61b922 in AP4 DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#34 0x5d4fd8 in AP4 AtomFactory::CreateAtomFromStream(AP4 ByteStream&, unsigned int, unsigned int, unsigned long long, AP4 Atom*&) /home/natalie/Downloads/Bento4
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#35 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp;233:14
#36 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#37 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#38 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#39 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#40 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#41 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#42 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#43 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#44 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#45 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
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#46 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16 #47 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-

#48 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-

#49 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-

master/Source/C++/Core/Ap4AtomFactory.cpp:560:20

master/Source/C++/Core/Ap4AtomFactory.cpp:233:14

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master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#50 0x60d6ee in AP4 ContainerAtom::AP4 ContainerAtom(unsigned int, unsigned long long, bool, AP4 ByteStream&, AP4 AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#51 0x60d6ee in AP4 ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4 ByteStream&, AP4 AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#52 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#53 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#54 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#55 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#56 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#57 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#58 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#59 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#60 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#61 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#62 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#63 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#64 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#65 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#66 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#67 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#68 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#69 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#70 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20\\
#71 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#72 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#73 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#74 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#75 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#76 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#77 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4DrefAtom.cpp:84:16
#78 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16
#79 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:560:20
#80 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#81 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#82 0x598644 in AP4 VisualSampleEntry::AP4 VisualSampleEntry(unsigned int. unsigned int. AP4 ByteStream&. AP4 AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4SampleEntry.cpp:742:5
#83 0x598644 in AP4 AvcSampleEntry:AP4 AvcSampleEntry(unsigned int, unsigned int, AP4 ByteStream&, AP4 AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4SampleEntry.cpp:994
#84 0x5d3e82 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp;318:24
#85 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp;233:14
#86 0x59de4e in AP4_StsdAtom::AP4_StsdAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4StsdAtom.cpp:101:13
#87 0x59c6e5 in AP4_StsdAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4StsdAtom.cpp:57:16
#88 0x5d4507 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:444:20
#89 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#90 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#91 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#92 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:88
#93 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:796:20
#94 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4AtomFactory.cpp:233:14
#95 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12
#96 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5
#97 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-
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master/Source/C++/Core/Ap4ContainerAtom.cpp:88

#98 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:796:20 #99 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #100 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #101 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #102 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:88 #103 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:796:20 #104 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #105 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #106 0x60e126 in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #107 0x5a3e4b in AP4_TrakAtom::AP4_TrakAtom(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4TrakAtom.cpp:165:5 #108 0x5d37f8 in AP4_TrakAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4TrakAtom:h:58:20 #109 0x5d37f8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:399 #110 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #111 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #112 0x60e126 in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #113 0x57ccec in AP4_MoovAtom::AP4_MoovAtom(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4MoovAtom.cpp:79:5 #114 0x5d4251 in AP4_MoovAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4MoovAtom.h:56:20 #115 0x5d4251 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:379 #116 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #117 0x5d21eb in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, AP4_Atom*&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4AtomFactory.cpp:153:12 #118 0x57920e in AP4_File::ParseStream(AP4_ByteStream&, AP4_AtomFactory&, bool) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4File.cpp:104:12 $\#119\ 0x5797bb\ in\ AP4_File::AP4_File(AP4_ByteStream\&,\ bool)\ /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4File.cpp:78:5$ #120 0x571465 in main /home/natalie/Downloads/Bento4-master/Source/C++/Apps/Mp42Aac/Mp42Aac.cpp:250:22 #121 0x7f479e6fc1e2 in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x271e2) #122 0x45c96d in _start (/home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac-asan+0x45c96d)

0x607000001180 is located 0 bytes to the right of 80-byte region [0x607000001130,0x607000001180) allocated by thread T0 here: #0 0x56de20 in operator new[](unsigned long) /home/natalie/Research/LLVM/src/llvm-8.0.1.src/projects/compiler-rt/lib/asan/asan new delete.cc:109:3 #1 0x6110ed in AP4 CttsAtom::AP4 CttsAtom(unsigned int, unsigned char, unsigned int, AP4 ByteStream&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4CttsAtom.cpp:80:29 #2 0x60fce2 in AP4_CttsAtom::Create(unsigned int, AP4_ByteStream&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4CttsAtom.cpp:52:16 #3 0x5d310c in AP4 AtomFactory::CreateAtomFromStream(AP4 ByteStream&, unsigned int, unsigned int, unsigned long, AP4 Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:479:20 #4 0x5d2922 in AP4 AtomFactory::CreateAtomFromStream(AP4 ByteStream&, unsigned long long&, AP4 Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #5 0x60e44b in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #6 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #7 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:88 #8 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:796:20 #9 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #10 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4DrefAtom.cpp:84:16 #11 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16 #12 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:560:20 #13 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #14 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #15 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #16 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:88 #17 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:796:20 #18 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #19 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4DrefAtom.cpp:84:16 #20 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16 #21 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:560:20 #22 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #23 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4DrefAtom.cpp:84:16 #24 0x61b922 in AP4_DrefAtom::Create(unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4DrefAtom.cpp:50:16 #25 0x5d4fd8 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:560:20 #26 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp:233:14 #27 0x60e27d in AP4_ContainerAtom::ReadChildren(AP4_AtomFactory&, AP4_ByteStream&, unsigned long long) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:194:12 #28 0x60d6ee in AP4_ContainerAtom::AP4_ContainerAtom(unsigned int, unsigned long long, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4ContainerAtom.cpp:139:5 #29 0x60d6ee in AP4_ContainerAtom::Create(unsigned int, unsigned long long, bool, bool, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4-

master/Source/C++/Core/Ap4ContainerAtom.cpp:88

#30 0x5d42b2 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned int, unsigned int, unsigned long long, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp;796;20

#31 0x5d2922 in AP4_AtomFactory::CreateAtomFromStream(AP4_ByteStream&, unsigned long long&, AP4_Atom*&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4AtomFactory.cpp;233:14

#32 0x61bf3d in AP4_DrefAtom::AP4_DrefAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&, AP4_AtomFactory&) /home/natalie/Downloads/Bento4master/Source/C++/Core/Ap4DrefAtom.cpp:84:16

SUMMARY: AddressSanitizer: heap-buffer-overflow /home/natalie/Downloads/Bento4-master/Source/C++/Core/Ap4Utils.h:78:22 in AP4 BytesToUInt32BE(unsigned char const*) Shadow bytes around the buggy address. 0x0c0e7fff81e0: 00 00 00 00 00 00 00 00 00 fa fa fa fa fa 00 00 0x0c0e7fff81f0: 00 00 00 00 00 00 00 fa fa fa fa fa 00 00 00 00 0x0c0e7fff8200: 00 00 00 00 00 00 fa fa fa fa fa 00 00 00 00 00 0x0c0e7fff8210: 00 00 00 00 fa fa fa fa fa 00 00 00 00 00 00 00 0x0c0e7fff8220: 00 fa fa fa fa fa 00 00 00 00 00 00 00 00 00 00 Shadow byte legend (one shadow byte represents 8 application bytes): Partially addressable: 01 02 03 04 05 06 07 Heap left redzone: fa Freed heap region: fd Stack left redzone: f1 Stack mid redzone: f2 Stack right redzone: f3 Stack after return: f5 Stack use after scope: f8 Global redzone: f9 Global init order: f6 Poisoned by user: f7 Container overflow: fc Array cookie: ac Intra object redzone: bb ASan internal: fe Left alloca redzone: ca Right alloca redzone: cb Shadow gap: cc ==21708==ABORTING Information provided by crashwalk Filename: psym-crashes/id:000382,sig:06,src:005991,op:flip1,pos:3837 SHA1: 5c2e8caa3c148bb05c322da182cadbc2072fb82e Classification: UNKNOWN Hash: f937118ff00ccff334602ba62160ed8c.1396527138624a36d1c970a348bf5074 $Command: ./mp42aac\ psym-crashes/id:000382, sig:06, src:005991, op:flip1, pos:3837\ /tmp/out.aac$ AP4_CttsAtom::AP4_CttsAtom(unsigned int, unsigned char, unsigned int, AP4_ByteStream&) @ 0x00005555555c14a: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac Disassembly 0x00005555555dc134: mov rcx,QWORD PTR [rbx+0x38] 0x00005555555dc138: lea rsi,[rax8+0x8] 0x000055555555dc140: xor eax,eax 0x00005555555dc142: nop WORD PTR [rax+rax1+0x0] 0x000055555555dc148: mov edx,eax => 0x000055555555dc14a: mov edx,DWORD PTR [rbp+rdx1+0x0] 0x000055555555dc14e: bswap edx 0x00005555555dc150: mov DWORD PTR [rcx+rax1],edx 0x00005555555dc153: lea edx,[rax+0x4] 0x00005555555dc156: mov edx,DWORD PTR [rbp+rdx*1+0x0] Stack Head (105 entries): $AP4_CttsAtom::AP4_CttsAto @ 0x00005555555dc14a: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac. AP4_CttsAtom::AP$ AP4_CttsAtom::Create(unsi @ 0x00005555555dc286: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cb9c8: in /home/natalie/Desktop/research/Buq/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cdb9c: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_ContainerAtom::ReadCh @ 0x00005555555db882: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_ContainerAtom::Create @ 0x00005555555dbbfd: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cb892: in /home/natalie/Desktop/research/Buq/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cdb9c: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4 DrefAtom::AP4 DrefAto @ 0x00005555555df391: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4 DrefAtom::Create(unsi @ 0x00005555555df47e: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cb8c7: in /home/natalie/Desktop/research/Buq/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cdb9c; in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4 ContainerAtom::ReadCh @ 0x00005555555db882; in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4 ContainerAtom::Create @ 0x00005555555dbbfd: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4 AtomFactory::CreateAt @ 0x00005555555cb892: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac AP4_AtomFactory::CreateAt @ 0x00005555555cdb9c: in /home/natalie/Desktop/research/Bug/bento4-06c39d9/mp42aac Registers: rax=0x00000000000001e0 rbx=0x0000555555657dd0 rcx=0x00007ffbf7a55010 rdx=0x0000000000001e0 rsi=0x00000040000050 rdi=0x0000555555652480 rbp=0x0000555555657e20 rsp=0x00007ffffffb220

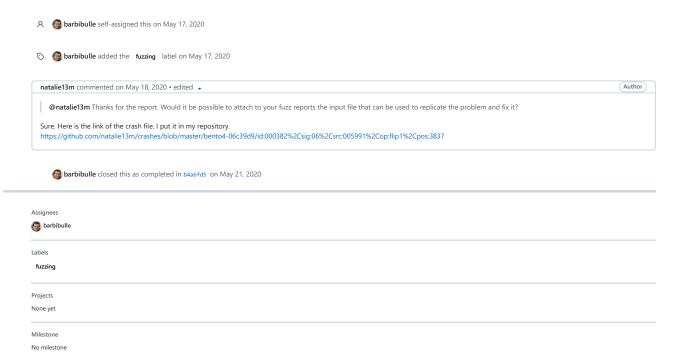
Description: Access violation on source operand

r8=0x000000000000000 r9=0x00000000000000 r10=0x000000000000022 r11=0x00007ffff7d93be0 r12=0x00005555556535a0 r13=0x0000555555638208 r14=0x00007ffbf7a55010 r15=0x00005555556535a0 rip=0x00005555555dc14a efl=0x000000000010202 cs=0x00000000000033 ss=0x00000000000b

Short description: SourceAv (19/22)

Explanation: The target crashed on an access violation at an address matching the source operand of the current instruction. This likely indicates a read access violation

barbibulle commented on May 17, 2020 Contributor



2 participants

Development No branches or pull requests



