Subject: Re: MacOS X woes
Posted by lundman on Wed, 20 Dec 2006 08:14:04 GMT
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Right

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Breakpoint 1, Upp::RichEdit::SerializeSettings (this=0xbfff707c, s=@0xbffe6c20) at
/Users/lundman/src/upp/uppsrc/RichEdit/Editor.cpp:453
453  int version = 1;
(gdb) s
454  s / version;
(gdb) s
Upp::Stream::operator/ (this=0xbffe6c20, i=@0xbffe69b8) at Stream.h:223
223  Stream&   operator/(int& i)          { dword w = i + 1; Pack(w); i = w - 1; return *this; }
(gdb) s
Upp::Stream::Pack (this=0xbffe6c20, w=@0xbffe6958) at
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:471
471  if(IsError()) return;
(gdb) n
491 }
(gdb) n
0x0041d410 in Upp::Stream::operator/ (this=0xbffe6c20, i=@0xbffe69b8) at Stream.h:223
223  Stream&   operator/(int& i)          { dword w = i + 1; Pack(w); i = w - 1; return *this; }
(gdb) n
Upp::RichEdit::SerializeSettings (this=0xbfff707c, s=@0xbffe6c20) at
/Users/lundman/src/upp/uppsrc/RichEdit/Editor.cpp:455
455  s % unit;
(gdb) p version
$4 = 1
(gdb) p unit
$5 = 1
(gdb) s
Upp::Stream::operator% (this=0xbffe6c20, d=@0xbfffb67c) at
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:585
585  SerializeRaw((dword *)&d, 1);
(gdb) s
Upp::Stream::SerializeRaw (this=0xbffe6c20, data=0xbfffb67c, count=1) at
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:457
457  SerializeRaw((byte *)data, 4 * count);
(gdb) s
Upp::Stream::SerializeRaw (this=0xbffe6c20, data=0xbfffb67c "", size=4) at
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:442
442  if(IsError()) return;
(gdb) n
447 }
(gdb) n
Upp::Stream::SerializeRaw (this=0xbffe6c20, data=0xbfffb67c, count=1) at
```

```
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:459
459  EndianSwap(data, count);
(gdb) p data
$6 = (dword *) 0xbfffb67c
(gdb) p *data
$7 = 1
(gdb) n
461 }
(gdb) p *data
$8 = 16777216
(gdb) n
Upp::Stream::operator% (this=0xbffe6c20, d=@0xbfffb67c) at
/Users/lundman/src/upp/uppsrc/Core/Stream.cpp:586
586  return *this;
(gdb)
587 }
(gdb)
Upp::RichEdit::SerializeSettings (this=0xbfff707c, s=@0xbffe6c20) at
/Users/lundman/src/upp/uppsrc/RichEdit/Editor.cpp:456
456  s % showcodes;
(gdb) p unit
$9 = 16777216
```

Seems it is given a default value, then gets EndianSwapped, when maybe it should only be endianswapped when read?
