

---

Subject: [BUG?] MIValue  
Posted by [omari](#) on Tue, 24 Mar 2015 16:54:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

i have added some RLOGs :

Gdb\_MI2.cpp,lines 1764 and 1773:

```
RLOG(">>>=====");
```

```
MICmd("gdb-set disassembly-flavor intel");  
MICmd("gdb-set exec-done-display off");  
MICmd("gdb-set annotate 1");  
MICmd("gdb-set height 0");  
MICmd("gdb-set width 0");  
MICmd("gdb-set confirm off");  
MICmd("gdb-set print asm-demangle");  
RLOG("<<<=====");
```

MIValue.cpp, line 457: RLOG(string);

MIValue.cpp, line 536: RLOG("String &MIValue::Get(void)");

output :

```
>>>=====  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
error:Not a String value type  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
error:Not a String value type  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
error:Not a String value type  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
String &MIValue::Get(void)  
error:Not a String value type  
String &MIValue::Get(void)
```

```
String &MValue::Get(void)
String &MValue::Get(void)
String &MValue::Get(void)
error:Not a String value type
String &MValue::Get(void)
String &MValue::Get(void)
String &MValue::Get(void)
String &MValue::Get(void)
error:Not a String value type
String &MValue::Get(void)
String &MValue::Get(void)
String &MValue::Get(void)
String &MValue::Get(void)
error:Not a String value type
String &MValue::Get(void)
String &MValue::Get(void)
<<<=====
```

Question :

Why "String &MValue::Get(void)" is called ?

---

Subject: Re: [BUG?] MValue  
Posted by [omari](#) on Tue, 24 Mar 2015 17:56:03 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

this patch resolve this issu:

file Gdb\_MI2Gdb.cpp

1 - MValue Gdb\_MI2::ParseGdb(String const &output, bool wait)  
replace :

```
return res;
```

by  
return pick(res);

2 - MValue Gdb\_MI2::ReadGdb(bool wait)

replace  
return ParseGdb(output);  
by  
return pick(ParseGdb(output));

```
3 - MValue Gdb_MI2::MICmd(const char *cmdLine)
replace
  res = ReadGdb();
by
  res = pick(ReadGdb());

and
  return res;
by
  return pick(res);
```

with this patch, the output of RLOG is:

```
>>>=====
<<<=====
```

then "String &MValue::Get(void)" is not called.

but still an issue:

MValue v = MICmd("file-list-exec-source-files"); with that , v equal to "error:Not a String value type"

MValue& v = MICmd("file-list-exec-source-files"); using reference, v get the good value.

---

Subject: Re: [BUG?] MValue  
Posted by [omari](#) on Wed, 25 Mar 2015 09:52:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

Here is a simple test case, which highlighted the problem (attachment)

```
MValue GetTuple()
{
  MValue r;
  r.Add("a", "b");
  return r;
}
```

CONSOLE\_APP\_MAIN

```
{  
    MValue v = GetTuple();  
    DUMP(v.Get("a"));  
}
```

the output is:

```
String &MValue::Get(void)  
error:Not a String value type  
String &MValue::Get(void)  
String &MValue::Get(void)  
error:Not a Tuple value type  
v.Get("a") = error:Not a Tuple value type
```

## File Attachments

1) [MValueTest.7z](#), downloaded 335 times

---

---

Subject: Re: [BUG?] MValue  
Posted by [mdelfede](#) on Wed, 25 Mar 2015 11:35:52 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, I run your testcase both in linux and in windows, and all what I got is

```
* c:\users\massimo\sources\upp-svn\out\MyApps_Bazaar\MINGW.Debug.Debug_Full.Sse2\MValueTest.exe 25.03.2015 12:32:29, user: Massimo
```

```
v.Get("a") = b
```

so the correct result.

Is it possible that you've got some patches somewhere in your three ?

---

---

Subject: Re: [BUG?] MValue  
Posted by [omari](#) on Wed, 25 Mar 2015 15:27:34 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, thank you for the test,  
sorry, I did not put my setup:  
the problem appears with the following configuration:

MSC10 WinXP 32bit, the latest version Upp 8296

with MinGW, it is OK.

---

---

Subject: Re: [BUG?] MValue

Posted by [omari](#) on Tue, 31 Mar 2015 10:52:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

bug caught:

replacing rval\_ by const rval\_ in

```
MValue(MValue rval_ v);  
MValue &operator=(MValue rval_ v);
```

=>

```
MValue(MValue const rval_ v);  
MValue &operator=(MValue const rval_ v);
```

rsolve the probleme with COMPILER\_MSC, but create one with others compilers

the origin of the probleme is in Core/Defs.h:

```
#ifdef COMPILER_MSC  
#define pick_  
#define rval_ &  
#else  
#define pick_ const  
#define rval_ const &  
#endif
```

Why this difference between COMPILER\_MSC and others ?

---

---

Subject: Re: [BUG?] MIValue  
Posted by [omari](#) on Thu, 02 Apr 2015 08:15:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

discussion continues in another thread : [http://www.ultimatepp.org/forums/index.php?t=msg&goto=44571&#msg\\_44571](http://www.ultimatepp.org/forums/index.php?t=msg&goto=44571&#msg_44571)

---