

U++ - Task #1936

Compiling upp with GCC version 8.2.1 causing many warnings

03/02/2019 04:12 PM - Zbigniew Rebacz

Status:	Approved	Start date:	03/02/2019
Priority:	Normal	Due date:	
Assignee:	Zbigniew Rebacz	% Done:	0%
Category:	Core	Estimated time:	0.00 hour
Target version:	Release 2019.1 - NTH	Spent time:	0.00 hour
Description			
You can find that GCC version on Manjaro linux ;)			
Here is the warning generated by regular clean build on that distribution - the build method is stock method:			
<pre>/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation] /home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation] /home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation] /home/klugier/upp/uppsrc/CtrlLib/Text.cpp (417): warning: this 'if' clause does not guard... [-Wmisleading-indentation] /home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::TextCtrl::Ln' with no trivial copy-assignment; use copy-assignment or copy-initializa tion instead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization in stead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::Value' with no trivial copy-assignment; use copy-assignment or copy-initialization ins tead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::ArrayCtrl::Line' with no trivial copy-assignment [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::Vector<Upp::ArrayCtrl::CellInfo>' with no trivial copy-assignment [-Wclass-memacc ess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::TextCtrl::Ln' with no trivial copy-assignment; use copy-assignment or copy-initializati on instead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (276): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::TextCtrl::Ln' with no trivial copy-assignment; use copy-assignment or copy-initializati on instead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (282): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::TextCtrl::Ln' with no trivial copy-assignment; use copy-assignment or copy-initializa tion instead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization inst ead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (276): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization inst ead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (282): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization in stead [-Wclass-memaccess] /home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::ArrayCtrl::Line' with no trivial copy-assignment [-Wclass-memaccess]</pre>			

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/home/klugier/upp/uppsrc/Core/Vcont.hpp (282): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::ArrayCtrl::Line' with no trivial copy-assignment [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'class Upp::Vector<Upp::ArrayCtrl::CellInfo>' with no trivial copy-assignment [-Wclass-memaccess]

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/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/RichText/EncodeHTML.cpp (352): warning: '*' in boolean context, suggest '&&' instead [-Wint-in-bool-context]

/home/klugier/upp/uppsrc/RichText/EncodeHTML.cpp (355): warning: '*' in boolean context, suggest '&&' instead [-Wint-in-bool-context]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::RichTxt::Part' with no trivial copy-assignment [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::RichTxt::Part' with no trivial copy-assignment [-Wclass-memaccess]

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/home/klugier/upp/uppsrc/Core/Vcont.hpp (349): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::RichTxt::Part' with no trivial copy-assignment [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/Draw/Uhd.cpp (92): warning: '*' in boolean context, suggest '&&' instead [-Wint-in-bool-context]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (349): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of non-trivially copyable type 'struct Upp::Rect<int>'; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

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/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/CtrlCore/GtkX11Util.cpp (47): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/CtrlCore/GtkEvent.cpp (538): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::Ctrl::Win' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::Ptr<Upp::Ctrl>' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'struct Upp::TextCtrl::Ln' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

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/home/klugier/upp/uppsrc/Core/Vcont.hpp (630): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::Ctrl::GEvent' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (632): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::Ctrl::GEvent' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (633): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'struct Upp::Ctrl::GEvent' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::WString' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (232): warning: 'void* memmove(void*, const void*, size_t)' writing to an object of type 'class Upp::Value' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (275): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

/home/klugier/upp/uppsrc/Core/Vcont.hpp (276): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type 'class Upp::String' with no trivial copy-assignment; use copy-assignment or copy-initialization instead [-Wclass-memaccess]

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/home/klugier/upp/uppsrc/Core/Vcont.hpp (630): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type
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/home/klugier/upp/uppsrc/Core/Vcont.hpp (630): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type
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alization instead [-Wclass-memaccess]
/home/klugier/upp/uppsrc/Core/Core.h (347): In file included from /home/klugier/upp/uppsrc/Core/Core.h:347,
/home/klugier/upp/uppsrc/Core/Cpu.cpp (1): from /home/klugier/upp/uppsrc/Core/Cpu.cpp:1,
/home/klugier/out/examples/Core/GCC.Debug.Debug_Full.Gui.Mt.Shared/$blitz.cpp (3): from
/home/klugier/out/examples/Core/GCC.Debug.Debug_Full.Gui.Mt.Shared/$blitz.cpp:3:
/home/klugier/upp/uppsrc/Core/Core.h (351): In file included from /home/klugier/upp/uppsrc/Core/Core.h:351,
/home/klugier/upp/uppsrc/Core/Cpu.cpp (1): from /home/klugier/upp/uppsrc/Core/Cpu.cpp:1,
/home/klugier/out/examples/Core/GCC.Debug.Debug_Full.Gui.Mt.Shared/$blitz.cpp (3): from
/home/klugier/out/examples/Core/GCC.Debug.Debug_Full.Gui.Mt.Shared/$blitz.cpp:3:
(): [?]memcpy[?]([?]newvector + alloc - start, vector, (end - alloc) * sizeof(T))[?]
/home/klugier/upp/uppsrc/Core/Inet.h (621): note: 'struct Upp::WebSocket::Input' declared here
(): struct [?]Input[?]: Moveable<Input> {
(): /home/klugier/upp/uppsrc/Core/Vcont.hpp: In instantiation of 'void Upp::BiVector<T>::ReAlloc(int) [with T = Upp::String]':
/home/klugier/upp/uppsrc/Core/Vcont.hpp (670): required from 'void Upp::BiVector<T>::Add0() [with T = Upp::String]'
/home/klugier/upp/uppsrc/Core/BiCont.h (16): required from 'T* Upp::BiVector<T>::AddTail0() [with T = Upp::String]'
/home/klugier/upp/uppsrc/Core/BiCont.h (31): required from 'void Upp::BiVector<T>::AddTail(const T&) [with T = Upp::String]'
/home/klugier/upp/uppsrc/Core/WebSocket.cpp (425): required from here
/home/klugier/upp/uppsrc/Core/Vcont.hpp (630): warning: 'void* memcpy(void*, const void*, size_t)' writing to an object of type
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/home/klugier/upp/uppsrc/Core/Other.h (133): warning: this 'if' clause does not guard... [-Wmisleading-indentation]

```

History

#1 - 03/02/2019 04:13 PM - Zbigniew Rebacz

- Description updated

- Assignee changed from Peter Helcmanovsky to Miroslav Fidler

#2 - 03/04/2019 12:45 AM - Miroslav Fidler

- Status changed from New to Ready for QA
- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

#3 - 03/09/2019 10:28 AM - Zbigniew Rebacz

- Status changed from Ready for QA to In Progress
- Assignee changed from Zbigniew Rebacz to Miroslav Fidler

Mirek, can you compile TheIDE with the new build method it seems that we have warnings too and there are still some warnings in Core and CtrlCore. We should fix it.

Here is output from TheIDE compilation (using TheIDE):

```
/home/klugier/upp/uppsrc/ide/LayDes/laydes.cpp (1702): warning: enum constant in boolean context [-Wint-in-bool-context]
(): item.SetCursor(k = K_DOWN ? 0 : item.GetCount() - 1);
/home/klugier/upp/uppsrc/CodeEditor/DiffSyntax.cpp (82): warning: comparison of integer expressions of different signedness: 'Upp::dword' (aka
'unsigned int') and 'int' [-Wsign-compare]
/home/klugier/upp/uppsrc/Core/Defs.h (274): warning: comparison of integer expressions of different signedness: 'const int' and 'const unsigned
int' [-Wsign-compare]
/home/klugier/upp/uppsrc/Core/Defs.h (274): warning: comparison of integer expressions of different signedness: 'const int' and 'const unsigned
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/home/klugier/upp/uppsrc/Core/Defs.h (274): warning: comparison of integer expressions of different signedness: 'const int' and 'const unsigned
int' [-Wsign-compare]
/home/klugier/upp/uppsrc/plugin/zstd/Decompress.cpp (76): warning: comparison of integer expressions of different signedness: 'int' and
'unsigned int' [-Wsign-compare]
/home/klugier/upp/uppsrc/plugin/zstd/Decompress.cpp (268): warning: comparison of integer expressions of different signedness: 'int' and
'unsigned int' [-Wsign-compare]
/home/klugier/upp/uppsrc/Core/sheap.cpp (425): warning: 'void* memset(void*, int, size_t)' clearing an object of non-trivial type 'struct
Upp::MemoryProfile'; use assignment or value-initialization instead [-Wclass-memaccess]
/home/klugier/upp/uppsrc/Core/heaputil.cpp (250): warning: 'void* memset(void*, int, size_t)' clearing an object of non-trivial type 'struct
Upp::MemoryProfile'; use assignment or value-initialization instead [-Wclass-memaccess]
/home/klugier/upp/uppsrc/CppBase/macro.cpp (76): warning: variable 'variadic' set but not used [-Wunused-but-set-variable]
/home/klugier/upp/uppsrc/CppBase/Body.cpp (38): warning: this 'if' clause does not guard... [-Wmisleading-indentation]
/home/klugier/upp/uppsrc/CtrlLib/Text.cpp (417): warning: this 'if' clause does not guard... [-Wmisleading-indentation]
/home/klugier/upp/uppsrc/CtrlCore/GtkX11Util.cpp (47): warning: this 'if' clause does not guard... [-Wmisleading-indentation]
/home/klugier/upp/uppsrc/CtrlCore/GtkEvent.cpp (538): warning: this 'if' clause does not guard... [-Wmisleading-indentation]
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#4 - 03/17/2019 11:58 AM - Zbigniew Rebacz

- File CppBaseWarningFixes.diff added

Please apply this fixes for CppBase. I can not commit to this repository.

#5 - 03/22/2019 08:49 AM - Miroslav Fidler

- Status changed from In Progress to Ready for QA
- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

#6 - 03/24/2019 01:03 PM - Zbigniew Rebacz
- Status changed from Ready for QA to Approved

Good job - no warnings for TheIDE compilation using GCC.

Files

CppBaseWarningFixes.diff	1.12 KB	03/17/2019	Zbigniew Rebacz
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