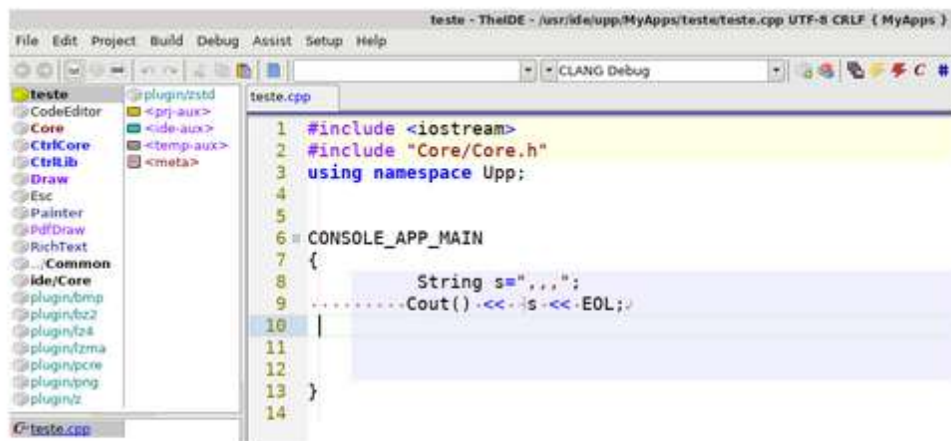


sample console app



The screenshot shows the TheIDE interface with a project named 'teste'. The file explorer on the left lists various components like CodeEditor, Core, CtrlCore, CtrlLib, Draw, Esc, Painter, PdfDraw, RichText, Common, ide/Core, and several plugins. The main editor window displays the source code for 'teste.cpp'.

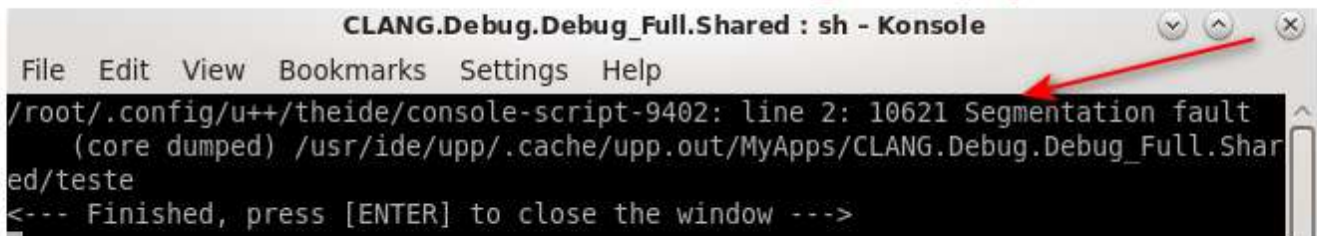
```
1 #include <iostream>
2 #include "Core/Core.h"
3 using namespace Upp;
4
5
6 = CONSOLE_APP_MAIN
7 {
8     String s="..";
9     .....Cout() <<< s <<< EOL;
10 |
11
12
13 }
14
```

```
6 ▣ CONSOLE_APP_MAIN
7 {
8     String s=",,, ";
9     .....Cout() << s << EOL;
```

ie (3 warnings)

File	Line	Message (3 warnings)
g_Full.Shared/Core\$blitz.cpp	3	In file included from /usr/include/boost/algorithm/string/algorithm.hpp:3:
Core/Cpu.cpp	153	warning: comparison of unsigned expression >= 0 is always true [-Wtautological-compare]
Core/Cpu.cpp	153	warning: comparison of unsigned expression >= 0 is always true [-Wtautological-compare]

after F5 nothing and displays thread failure!

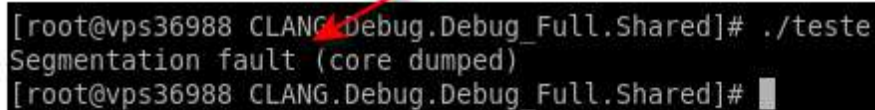


The screenshot shows a terminal window titled "CLANG.Debug.Debug_Full.Shared : sh - Konsole". The window has a menu bar with "File", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal output is as follows:

```
/root/.config/u++/theide/console-script-9402: line 2: 10621 Segmentation fault
(core dumped) /usr/ide/upp/.cache/upp.out/MyApps/CLANG.Debug.Debug_Full.Shar
ed/teste
<--- Finished, press [ENTER] to close the window --->
```

A red arrow points from the text above to the "Settings" menu item in the terminal window's menu bar.

the same happens if it runs outside the ide!



The screenshot shows a terminal window with the following output:

```
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# ./teste
Segmentation fault (core dumped)
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# █
```

A red arrow points from the text above to the terminal prompt in the first line.

```
teste - TheIDE - /usr/ide/upp/MyApps/teste/teste.cpp
st Setup Help

CLANG.Debug.Debug_Full.Shared : bash - Konsole
File Edit View Bookmarks Settings Help
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# clang --version
clang version 5.0.1 (tags/RELEASE_501/final)
Target: x86_64-unknown-linux-gnu
Thread model: posix
InstalledDir: /opt/rh/llvm-toolset-7/root/usr/bin
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# █
```

machine

```
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# hostnamectl
Static hostname: vps36988.publiccloud.com.br
Icon name: computer
Machine ID: e9130963e7754367b05431ed5c9f303f
Boot ID: 770f395a037a4346b0bc1e14745703ca
Virtualization: xen
Operating System: CentOS Linux 7 (Core)
CPE OS Name: cpe:/o:centos:centos:7
Kernel: Linux 3.10.0-1160.59.1.el7.x86_64
Architecture: x86-64
[root@vps36988 CLANG.Debug.Debug_Full.Shared]# █
```

root : bash - Konsole

File Edit View Bookmarks Settings Help

```
[root@vps36988 ~]# echo "$PATH"
/opt/rh/devtoolset-9/root/usr/bin:/opt/rh/devtoolset-9/root/usr/bin:/opt/rh/devt
oolset-9/root/usr/bin:/opt/rh/devtoolset-9/root/usr/bin:/opt/rh/llvm-toolset-7/r
oot/usr/bin:/opt/rh/llvm-toolset-7/root/usr/sbin:/opt/rh/llvm-toolset-7/root/usr
/bin:/opt/rh/llvm-toolset-7/root/usr/sbin:/opt/rh/llvm-toolset-7/root/usr/bin:/o
pt/rh/llvm-toolset-7/root/usr/sbin:/opt/rh/devtoolset-7/root/usr/bin:/opt/rh/dev
toolset-7/root/usr/bin:/opt/rh/devtoolset-9/root/usr/bin:/opt/rh/devtoolset-9/ro
ot/usr/bin:/opt/rh/llvm-toolset-7/root/usr/bin:/opt/rh/llvm-toolset-7/root/usr/s
bin:/opt/rh/llvm-toolset-7/root/usr/bin:/opt/rh/llvm-toolset-7/root/usr/sbin:/op
t/rh/llvm-toolset-7/root/usr/bin:/opt/rh/llvm-toolset-7/root/usr/sbin:/opt/rh/de
vtoolset-7/root/usr/bin:/opt/rh/devtoolset-7/root/usr/bin:/opt/rh/devtoolset-9/r
oot/usr/bin:/opt/rh/devtoolset-9/root/usr/bin:/opt/rh/llvm-toolset-7/root/usr/bi
n:/opt/rh/llvm-toolset-7/root/usr/sbin:/opt/rh/llvm-toolset-7/root/usr/bin:/opt/
rh/llvm-toolset-7/root/usr/sbin:/opt/rh/llvm-toolset-7/root/usr/bin:/opt/rh/llvm
-toolset-7/root/usr/sbin:/opt/rh/devtoolset-7/root/usr/bin:/opt/rh/devtoolset-7/
root/usr/bin:/usr/lib64/qt-3.3/bin:/usr/local/sbin:/usr/sbin:/sbin:/bin:/usr/bin
:/usr/local/bin:/root/bin:/root/bin:/root/bin
[root@vps36988 ~]#
```

clang location version 5.0.1

root : bash - Konsole

File Edit View Bookmarks Settings Help

```
bash: clear4: command not found
[root@vps36988 ~]# clear
[root@vps36988 ~]# locate clang
/opt/rh/llvm-toolset-7/root/usr/bin/clang
/opt/rh/llvm-toolset-7/root/usr/bin/clang++
/opt/rh/llvm-toolset-7/root/usr/bin/clang-5.0
/opt/rh/llvm-toolset-7/root/usr/bin/clang-apply-replacements
/opt/rh/llvm-toolset-7/root/usr/bin/clang-change-namespace
/opt/rh/llvm-toolset-7/root/usr/bin/clang-check
/opt/rh/llvm-toolset-7/root/usr/bin/clang-cl
/opt/rh/llvm-toolset-7/root/usr/bin/clang-cpp
/opt/rh/llvm-toolset-7/root/usr/bin/clang-format
/opt/rh/llvm-toolset-7/root/usr/bin/clang-import-test
/opt/rh/llvm-toolset-7/root/usr/bin/clang-include-fixer
/opt/rh/llvm-toolset-7/root/usr/bin/clang-offload-bundler
/opt/rh/llvm-toolset-7/root/usr/bin/clang-query
/opt/rh/llvm-toolset-7/root/usr/bin/clang-rename
/opt/rh/llvm-toolset-7/root/usr/bin/clang-reorder-fields
/opt/rh/llvm-toolset-7/root/usr/bin/clang-tidy
/opt/rh/llvm-toolset-7/root/usr/bin/clangd
/opt/rh/llvm-toolset-7/root/usr/lib64/clang
/opt/rh/llvm-toolset-7/root/usr/lib64/libclang.so
/opt/rh/llvm-toolset-7/root/usr/lib64/libclang.so.5
/opt/rh/llvm-toolset-7/root/usr/lib64/libclang.so.5.0
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangARCMigrate.so
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangARCMigrate.so.5
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangARCMigrate.so.5.0.1
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangAST.so
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangAST.so.5
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangAST.so.5.0.1
/opt/rh/llvm-toolset-7/root/usr/lib64/libclangASTMatchers.so
```