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Subject: LibClang/Assist++ crashes with Clang 20  
Posted by [Didier](#) on Tue, 24 Jun 2025 21:03:08 GMT  
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Hello,

I update my computer to fedora 42 some time ago and I have Clang 20.  
Since then assist++ crashes every time after a few seconds (I think it depends on which files I am working on).  
So this is quite annoying

This is what I get in the log:

```
* /home/xxxx/upp/theide 24.06.2025 22:42:01, user: xxxx
```

```
22:42:01:795 INFO LoadLibClang0(): libclang path: "/usr/lib64/libclang.so.20.1.6"  
22:42:01:799 INFO GuiMainFn_(): Revision: e1e14c30 Build: 17914 master  
64 bit CLANG C++17 SIMD Compiled: 06/06/2025 18:11:37 /home/xxxx/upp/theide  
***** PANIC: Illegal instruction!
```

I tried with different Assist++ standard : and the one that works best (ar at least that doesn't crash instantly ) is C++23

Here is my Assist configuration:

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## File Attachments

1) [Config\\_Assist.png](#), downloaded 316 times

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## Settings

Fonts

Syntax highlighting

Editor

Assist

IDE

Web search

Assist libclang parser is enabled (needs restart)

Indexer gets invoked automatically

Relaxed indexer dependencies (faster but less precise)

Number of indexer threads  (needs restart)

Implicit autocomplete (e.g. after typing '.')

Number of files with cached autocomplete info

Comment out default parameters in "Copy as declaration"

[ { ( " / \* enclose selection

Mark lines with errors, warnings and changes

Highlight line in the left bar

QTF designer edits selection

Place navigator to the right

Show errors in the current file based on libclang parser

Show error status of the current file based on libclang parser

Do not open autocomplete list when it is empty

Display out of page function/class headers

Assist C++ standard

libclang additional compiler options

C++

C

Insert guards to new headers

No #include in new sources

#include first

#include previous

Assist diagnostics (verbose mode)

Close