Subject: Re: theide with libclang
Posted by Lance on Tue, 01 Nov 2022 22:32:09 GMT
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Thank you, Mirek! Both are fixed in UPP version 16523.

Another bug I found a few weeks (maybe months) ago. I tested with version 16523 and it's still there.

To reproduce the experience, move away or rename libclang.so/dll etc so that it cannot be detected when theide starts. Or, change
bool TryLoadLibClang()
at line 120 in <ide/main.cpp> to fail the LibClang loading:


```
bool TryLoadLibClang()
{
      // add the following line to
 return false;  // make sure detection fails.


 String libdir = TrimBoth(Sys("llvm-config --libdir"));
 int q = FindIndex(CommandLine(), "--clangdir");
 if(q >= 0 && q + 1 < CommandLine().GetCount()) {
  libdir = CommandLine()[q + 1];
  CommandLineRemove(q, 2);
 }


 if(LoadLibClang(libdir))
  return true;
 if(LoadLibClang("/usr/lib"))
  return true;
 for(int i = 200; i >= 10; i--)
  if(LoadLibClang("/usr/lib/llvm-" + AsString(i) + "/lib"))
   return true;
 return false;
}
```


F5 to compile and run the modified theide, in it, open button.cpp from <examples/Button>, left click on, for example the word 'TopWindow', the assist++ will start a dialog that will never end unless cancelled.

I am not sure if there are other occassions like this when assist++ will be started by some other key combinations or mouse events, even though theide knows and even prompted the end users of "libclang detection failure". This is no longer bothering me, but could confuse a person who

starts to try UPP.