Subject: Re: theide with libclang Posted by jjacksonRIAB on Sat, 24 Sep 2022 09:10:47 GMT View Forum Message <> Reply to Message

Mirek,

The problem appears to manifest with assist\_cursor in Assist.cpp line 502.

It gathers all of the potential include files appropriately but assist\_cursor never matches current pos so it returns before performing the completion.

```
void AssistEditor::PopUpAssist(bool auto_insert)
{
  LTIMING("PopUpAssist");
  int pos = GetCursor();
  ReadIdBackPos(pos, false);
  if(pos != assist_cursor)
  return:
```

EDIT It's uninitialized. The only place I can find it being set is around line 463 but there's an early return

```
include_assist = false;
if(IncludeAssist())
    return;

int pos = GetCursor();
ReadIdBackPos(pos, false); // libclang does not work well if file is not truncated for autocomplete
(?)
assist_cursor = pos;
```

before assist\_cursor is set. If I move that block of code after the pos set it shows the files but it has strange index numbers next to the icons. <- never mind, that appears to be for debugging purposes and doesn't appear in release mode.

So the fix is:

```
int pos = GetCursor();
ReadIdBackPos(pos, false); // libclang does not work well if file is not truncated for autocomplete
(?)
assist_cursor = pos;
include_assist = false;
```

| if(IncludeAssist()) |
|---------------------|
| return;             |