

---

Subject: IDL and C inter-language communication / call\_external()

Posted by [inkorporiert](#) on Tue, 22 Jul 2014 19:34:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hey,

I have a plotting routine written in C that I call from IDL via call\_external() command and this works pretty well. Now I want to plot the fit function with IDL (continuously updated) while the external code is fitting.

I tried to call IDL\_Execute() command from C, but this failed and then I read that this is only supported in "Callable IDL". But "Callable IDL" is not a solution because i need to pass data to the C routine from a IDL shell.

If there is no solution with call\_external() to realize this: What would be the appropriate way to do this kind of bidirectional communication?

To sum it up:

- I want to pass data from a IDL shell to a C routine.
- Within the C routine I want to call IDL functions (plot) which make use of data generated by the C routine.

Thank you.

---