

## CRYSCALC

### how to start?

**CRYSCALC** is running under Windows, using a DOS shell. Such a DOS shell can be opened through the `cmd` command, present in the `c:\windows\system32` folder (creating a shortcut on the desktop is strongly recommended) or with the association of *shift* key, right mouse click and "open a DOS shell" option in the file manager.

Note that, for a optimized use of the DOS shell, it has to be customized to adapt its appearance, using the *properties* options available through a right click on the top of the shell: quick edition, size in height and width of the buffer memory, colors ... can be specified.

**CRYSCALC** is launched from the command line of the DOS shell, in any folder if **CRYSCALC** folder has been previously added in the `PATH` environment variable (see [How to install CRYSCALC?](#)):

- without argument

```
d:\data\tests>criscalc
```

If `skip_start_menu= 1` in the `[OPTIONS]` section of the setting file, the main menu of **CRYSCALC** is skipped and the user has to input a **CRYSCALC** keyword at the prompt (see [How to get help?](#) to get the list of keywords)

- with argument

Different kinds of arguments can be input:

- `cfl` file, containing a list of keywords. Several examples of `cfl` files can be obtained at (see [CFL examples](#) section of the user's guide)

Example :

```
d:\data\tests>criscalc criscalc_si_x.cfl
```

- particular command line keyword (see [List of command line arguments](#) section of the user's guide)

Example :

```
d:\data\tests>criscalc cif_file.cif PAT
```