Planar Structure File System

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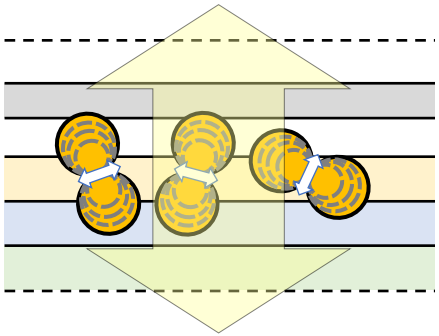
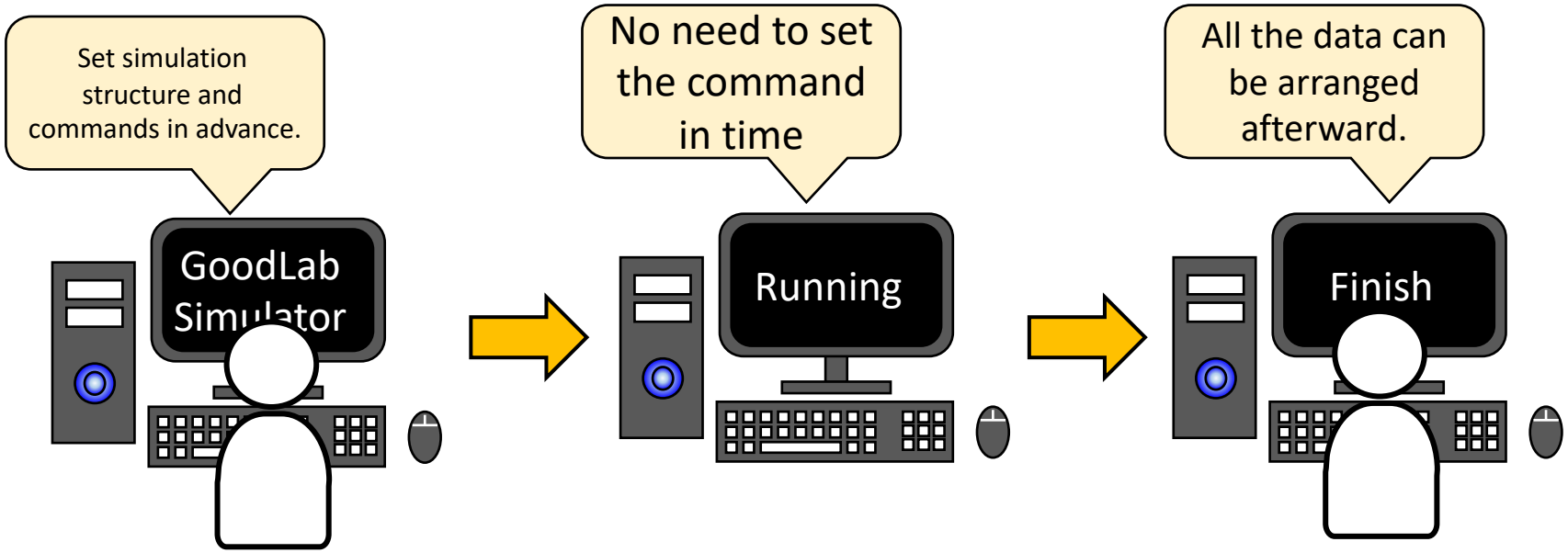


Objective

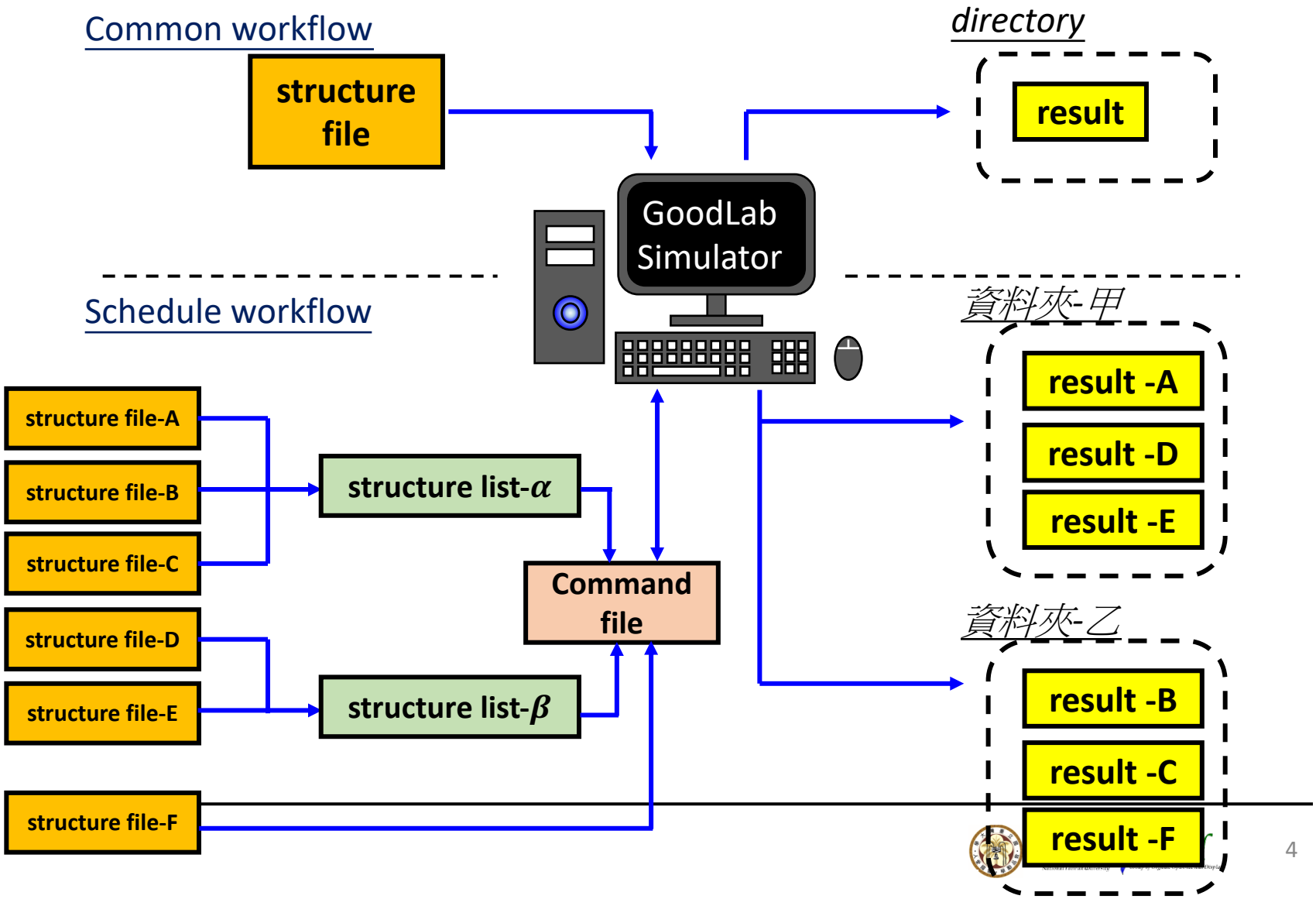
- For optical simulation in planar stacking structure, in this chapter, we'll show you how to construct the structure in the following simulation section and we'll also show you the schedule system in this software.

Schedule System

All the simulation structures and the commands can be prepared in advance and all the simulation results would automatically save to the specified directory.



Schedule System

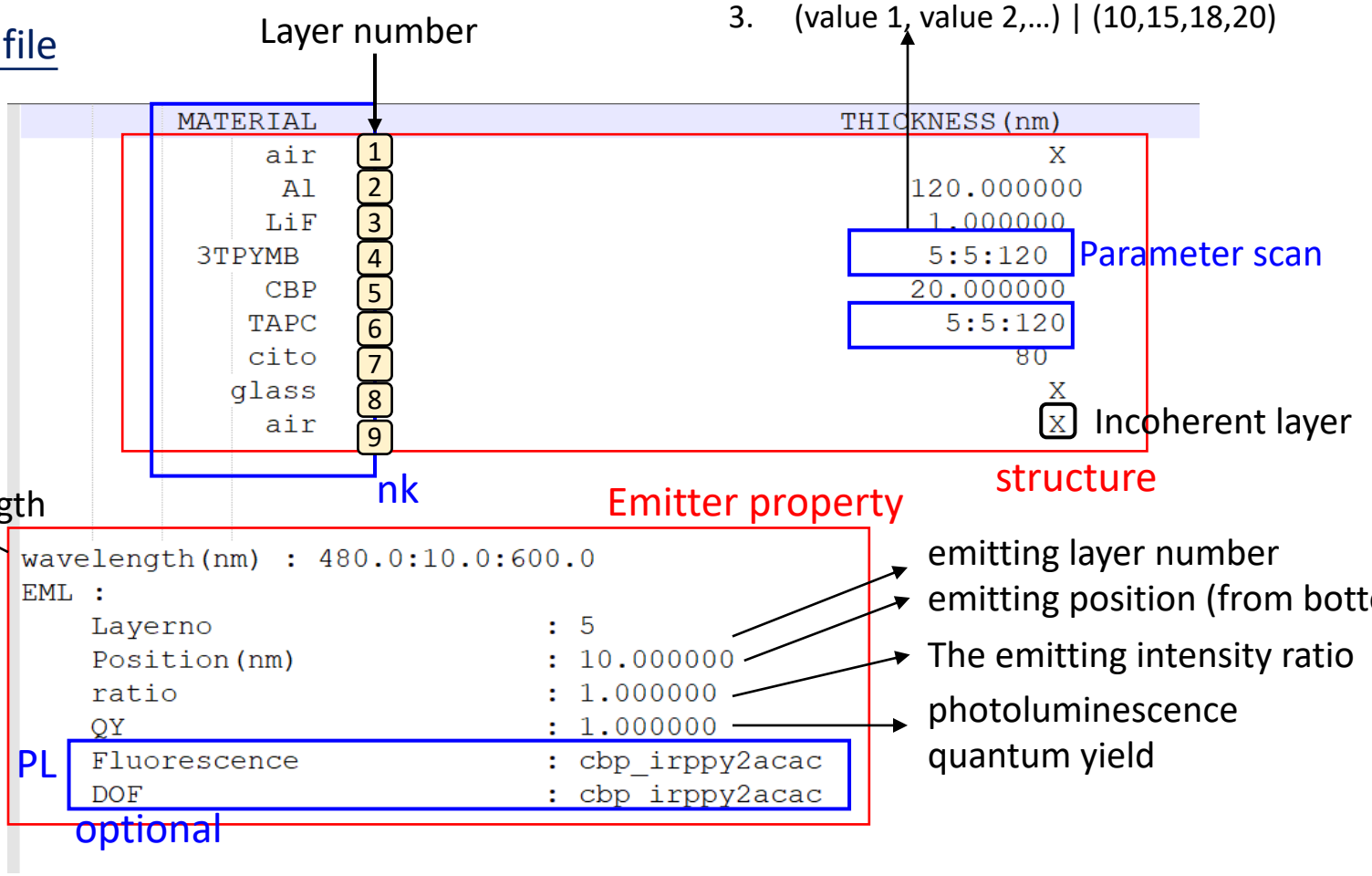


Input File

3 different format:

1. Single value | ex. 120.0
2. start:space:end | 5:5:120
3. (value 1, value 2,…) | (10,15,18,20)

Structure file



Input File

Structure list file

alias

No use

Name	readfilename	readfilepath	savefilename	savefilepath	check	CID
#s1	sfile-1.txt	./Example/structure/Convention	sfile-1	../../Example/TRACmd/Convention/Convention-1	X	0
#s3	sfile-3.txt	./Example/structure/Convention	sfile-3	../../Example/TRACmd/Convention/Convention-3	X	0
#sa1	sfile-1-air.txt	./Example/structure/Convention	sfile-1-air	../../Example/TRACmd/Convention/Convention-air-1	X	0
#sa3	sfile-3-air.txt	./Example/structure/Convention	sfile-3-air	../../Example/TRACmd/Convention/Convention-air-3	X	0

Command file

```
?
changefigshowBool F
save_run_time_result_Bool F
ReadStructListPath  ./Example/structure/FreeSpace
ReadStructListName  structureList-PDCmd1.txt
readStructList
printStructInfo
####################################
ktko      0:0.001:2.5
Thetakt   0
runtime_write_matrix F
runtime_plot         T
runtime_contourplot  F
printPDInfo
runPD_PolarInK
```

Execution file **Command file**

```
E:\Dropbox\GoodLabSimulator_aniso\萊智科技\ori_src\Execution>
E:\Dropbox\GoodLabSimulator_aniso\萊智科技\ori_src\Execution>python TRACmd.py ./Example/TRADBRCmdTest.txt
```

Schedule System-Interrupt

The software would continue the simulation when unexpected computer interrupt.