

PMEM task

A task comprises an XML file and a Python file so you need two files named pmem.xml and task_pmem.py both in the same folder

"In second time you need to have the two folder pmem-master and quiskfits-master in the same folder"

- adapt the script

first of all you need to change a little bit the task_pmem.py script. Copy the accurate link of the executable pmem (for example : '/home/admin/mem_code/pmem-master/pmem') and paste it in the os.systeme("") command in the python script

- build your task in casa

run buildmytasks :

```
# In CASA
os.system('buildmytasks')
```

and :

```
execfile('/<path_to_task_directory>/mytasks.py')
```

Note that if you rebuild a task after having already imported it into CASA, you will need to restart CASA and reimport for the changes to be incorporated.

- Running the task

now that the task has been imported into CASA, it can be run like any other task. For example,

```
# In CASA
inp pmem
inputs ...
go
```

Comments: when you run the pmem task a file is create in the task folder, it's named 'mempy_driver.dat' and it comtains all your inputs parameters and all of informations about the progress of the pmem task given by casa are stored in the Log Messages interface.