

Updates on I/O and git

Status on Fox migration and XML I/O

- PW and CP: XML output based on the qes.xsd schema
<http://www.quantum-espresso.org/ns/qes/qes-1.0.xsd>
- FoX replaces IOTK in PW, CP and atomic
- In Id1.x it is possible to write out with the new qe_pp schema, soon to be uploaded on quantum-espresso.org.
 - It would be better to replace old copies of UPF v2.1 with XML compliant one. Now is done on the fly inside read_pseudo (not very beautiful)
- Ongoing:
 - implementation of the qes_ph schema for phonon
 - Building of a fake iotk module

New git repository

- SVN repository replaced with git
- An old copy of SVN will be hosted on SISSA
- New git repository on gitlab <https://gitlab.com/QEF/q-e>
- Repository on github will be discontinued and replaced with a mirror of the gitlab repo

Gitlab suggested practice

As long as it doesn't create problems everybody can do as it best fits to her/his taste

- Create your own fork and keep it aligned with pull or rebase
- When you are ready to merge create a branch on your fork and submit a merge request from that branch.
 - Merge request directly to master or to a continuous integration branch ?
- How do we organize the continuous integration ?

More gitlab opportunities

- Use the issue section to report bugs and suggest modifications
- Merge requests may be discussed
- You can customize the continuous integration of your fork.