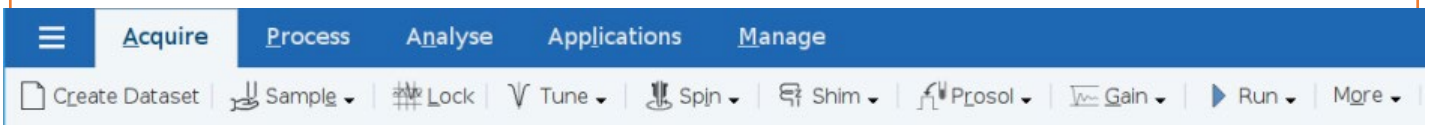
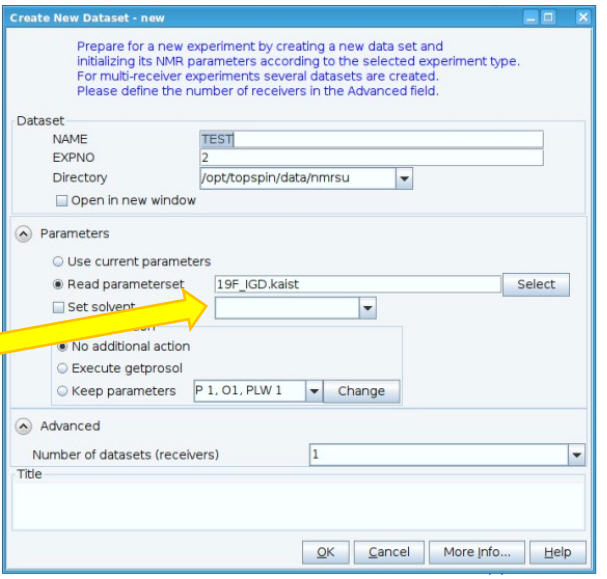
ej ↲ ➔ ij ↲ ➔ lock solvent;atma;topshim;getprosol;rga;zg; ↲



1. Logging in
   1. Click 'Not listed?' on login screen
   2. Type account and password
   3. Double-Click 'Topspin' icon on Desktop
2. Make new dataset folder
   1. **new** ↲ :create new folder
   2. Fill out 'NAME/EXPNO/TITLE"
   3. Select experiment at "Read parameterset"
      1. 1H : proton.kaist
      2. 13C : carbon.kaist
      3. 19F : 19F_IGD.kaist
      4. In case of other experiment, check room entrance notice
   4. Clcik OK



3. Acquitiosn (by command)
   1. **ej** ↲ ➔ insert sample into magnet ➔ **ij** ↲
      1. Wait until LED turns Yellow color
   2. **lock** ↲ ➔ click Solvent
   3. **atma** ↲ ➔ can skip when proton.kaist (if w/o SNR issue), should do for other nuclei
      1. Type **stop** ↲ if atma running more than 3 min, and tell NMR manager
   4. **topshim** ↲
      1. If want to reduce artifact : **topshim tuneaz** ↲, if solvent is Acetone/MeOD : **topshim convcomp** ↲
   5. **getprosol** ↲
      1. In case of 1H qNMR or cosy/noesy ➔ **pulsecal** ↲ to optimize p1, p2
   6. **eda** ↲ ➔ change parameters if want (ex> **NS, D1, AQ, SW, O1P**…)
   7. **rga** ↲
   8. **zg** ↲

   efp; apk; absn; ↲ // efp; apbk; ↲ // efp;apk0;absn; ↲

   9. To process during acquisition, **tr** ↲ ➔ **efp; apk; absn;** ↲ when log is shown as 'stored NS ~~ '
      1. for 19F, 29Si, 11B ➔ **efp;apbk ;** ↲
      2. For Polymer or labile proton (broad peak) ➔ **efp;apk0;absn;** ↲
   10. '**halt**' if want to halt acquisition

4. Logging out
   1. **lock off ; ej;** ↲ ➔ take out sample from magnet ➔ **ij** ↲ ;
   2. **exit** ↲
   3. Click "logout" at upper right conner → log out → log out