PLDAPS syncing

- Multiple clocks/timings need to be synchronized

  - PTB computer :: Datapixx box

  - PDS data :: Ephys (e.g. Plexon OmniPlex/MAP, OpenEphys, ...)

  - PTB fliptime :: Stimulus display onset

  - PTB computer :: Eyelink

- Test & calibration code should explain where in your rigPrefs the results & settings for these syncs should be stored so that they can be applied/paired with your data files by default

  - e.g. createRigPrefs(additionalSettings)

PTB :: Datapixx

`PsychDataPixx('GetPreciseTime')`

- Prevents drift between PTB (GetSecs.m) & Datapixx clocks

- Computational cost (≥20 ms) too large to be done during active trials

- Called automatically at the start of every trial
  by: pldapsDefaultTrialFunction.m >> trialSetup

`PLDAPS/testsuite/pldapsDatapixxSync.m`

- Test code for selecting optimal low-level parameters for your system

- Describes how/where to save those values in your RigPrefs