Initial Steps to Make Conda Build System

Settup up the conda build system

1. sudo as psreldev
2. start at /reg/g/psdm/sw/conda
3. create the directory layout described in Conda Build System Directory Layout
4. Install miniconda2 into the six directories inst/miniconda2-dev-rhel7 .. inst/miniconda2-prod-rhel5
   a. to be xtra careful, install from rhel5, rhel6, rhel7 machines - although probably not neccessary

   ⚠ PSRT-129 - Jira project doesn't exist or you don't have permission to view it.

5. Due to   I don't think we should update the production environments, nor install conda build in them.
6. for each dev conda install, preferably on correct host machine (psreldev .bashrc sets up aliaes setup_condadev5)
   a. change the PATH so that you run from that miniconda install
   b. install conda build
   c. conda update --all, get the latest from the defaults area
7. The root environment is done, we'll try not to add new packages to the root environment.
8. Run ana-rel-manage -c gen-condarc to generate condarc for all the minicondas
   a. (execute once, from any host/conda install)
9. now that we have added our file:/// channels areas, we need to turn them into channels, otherwise nothing will work
10. Run ana-rel-manage -c index-channels to do this
    a. (once, any host/conda)
11. do this to create the manage directory from stuff under version control:
    git clone https://github.com/davidslac/manage-lcls-conda-build-system.git manage
12. We will try to keep track of what packages are installed in the root environment. Update the file manage/config/conda_root_package_list
13. check root environment, ana-rel-manage -c root-pkg-cmp

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