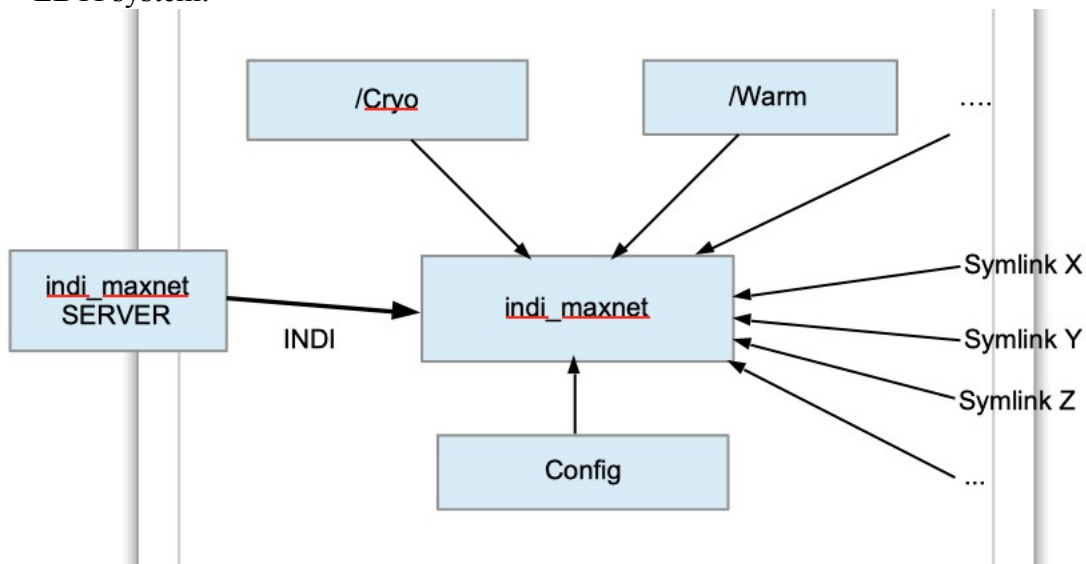


INDI Symlinks (Symbolic Links)

- Symlinks are pointers to a file system or directory that enable quick access to the file structure without forcing the user to type the entire directory path.
- As an example, the runtime environment that a majority of the important file systems run in, /opt/local/LBTI_INDI, is represented by ENV or INDILBTI/HOME.
- This means if you wish to access a file within the directory /opt/local/LBTI_INDI, you can use the symlink ENV or INDILBTI/HOME.
- The diagram below shows the general structure of how certain Symlinks are used in the LBTI system:



- As shown above, the Symlinks are all pointing to the 'indi_maxnet' key name, which has an associated INDI server associated with it.
- There are several styles of commands that this 'indi_maxnet' INDI server will interpret at Symlinks and serve to direct the user to the appropriate file directory.
 - indi_maxnet.cfg(conf)
 - Points to config files in “Config” (See INDI_Config.pdf for details on config files)
 - indi_maxnet
 - Points to data files in “data” (Stores important data from the LBTI components that have INDI servers associated with them)
 - indi_maxnet/generated_Log_name (eg. /motors_20191212.log)
 - Points to log files in “log” (See INDI_Log.pdf for details on log files)
 - dump core
 - Points to core files in “core”
- Each INDI Server associated with important components in the LBTI will have a Symlink to the indi_maxnet INDI Server.
 - Cryo → indi_maxnet
 - Lmir → indi_maxnet
 - Warm → indi_maxnet
 - ...
- This allows one to access the associated files with these INDI servers with simple commands
 - Eg:

- Cryo.cfg : Access the config file for the Cryo Server
- Cryo : Access the data files for the Cryo Server
- Cryo/motors_20191212.log : Access the log file for the motors in Cryo server for 12/12/2019