

SVN: Subversion

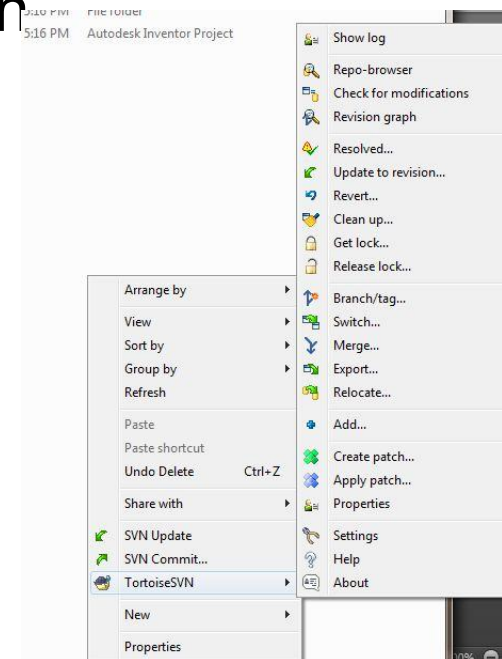
(Launch Inventor while we wait!)

What is SVN?

- Repositories
- Hosted on lynbrookrobotics.com
- Collaboration
- Version Controlled

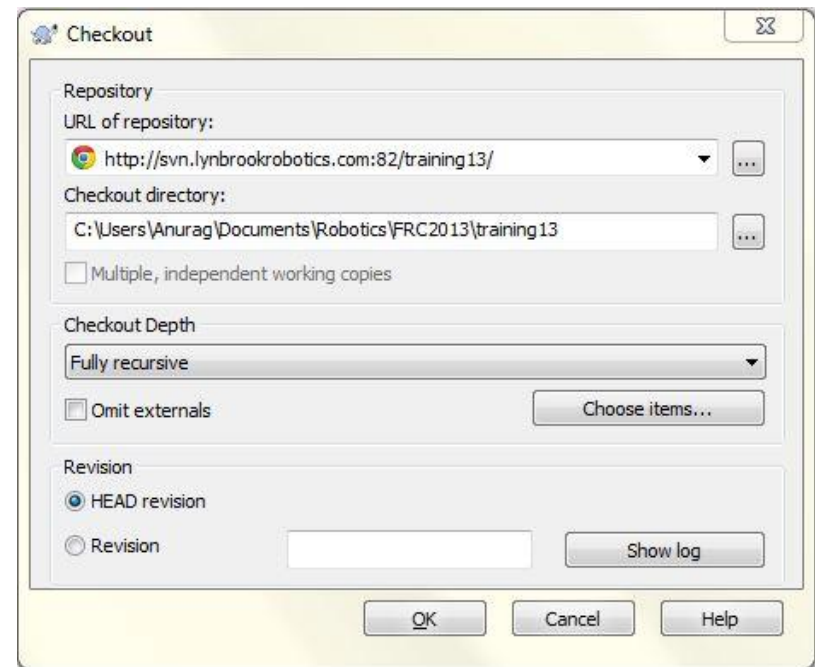
Basics

- Checkout
 - Downloads the latest version to your computer
- Add
 - Adds a file to the "version control" list
- Update
 - Updates your copy to the latest version
- Ignore
 - Tells SVN to ignore a certain file
- Revert
 - Reverts a file to server version
- Clean-Up
 - Magical fixing tool








How do I start?

- Tortoise SVN
- Robotics Folder
 - FRC 2013
- training13
 - Right Click --> Checkout
 - <http://svn.lynbrookrobotics.com:82/training13/>
 - Remember the :82!
- Credentials
 - Username: FirstnameLastname
 - Password: Same as website
 - Click "Remember Credentials"!



What you'll see

Robotics library			
training13			
Arrange by: Folder ▼			
Name	Date modified	Type	Size
 CAD Workshops	11/27/2012 5:16 PM	File folder	
 Machinist Drawings	11/27/2012 5:16 PM	File folder	
 templates_lynbrook	11/27/2012 5:16 PM	File folder	
 users	11/27/2012 5:16 PM	File folder	
 training13	11/27/2012 5:16 PM	Autodesk Inventor Project	9 KB

Housework

- Purpose - Set up the ignore list
- SVN will ignore all types of files in the ignore list.
- `*ignore *.lck OldVersions *.STEP *.ipj ~$* .
DS_Store *.o *.lo *.la *.al .libs *.so *.so.[0-9]*
*.a *.pyc *.pyo *.rej *~ #*# .#* *.swp`
- Can be found under CADWorkshops --> List

User Folder

- Purpose - create your own user folder
 - Can keep whatever you want in it.
- Navigate
 - training13
 - Users
 - New Folder --> "Your Name"
- SVN
 - Right click --> Tortoise SVN --> "Add"
 - Right click --> Tortoise SVN --> "Commit"
 - Useful message
 - Just your folder! Not the entire user folder.

Update!

- Navigate out one level
- "Users"
- SVN
 - Right click --> Update
 - Watch folders download!

Ignoring

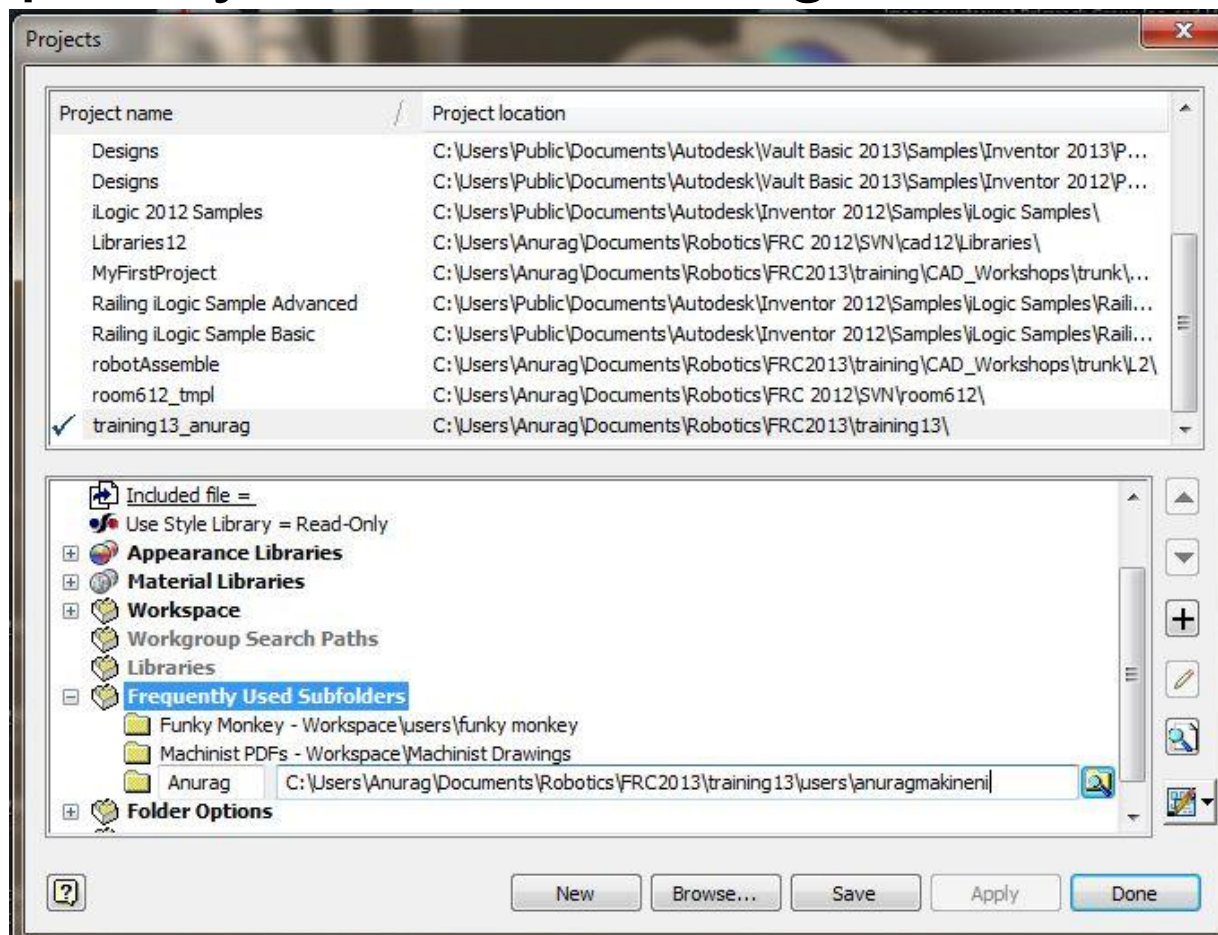
- Anything that ends in "ignore" will be ignored
 - Ex: anuragignore
- Ignore manually
 - Right Click --> Tortoise SVN --> Ignore

Project Files

- Creates a workspace to work in
- Project file --> training13
 - Create your own copy
 - rename training13_name.ipj
 - Automatically ignored
- Open Inventor
 - Projects
 - Browse --> Find your file

Frequently Used

- Frequently Used --> "+" sign --> find folder



Revert

- Conflicts!

- Communicate with people!
- https://docs.google.com/document/d/1HSnKImSKrH_WGCjt9X3BXqUH_gwryyNvgmxJa_loCVPY/edit?authkey=CJrD8ckK&authkey=CJrD8ckK

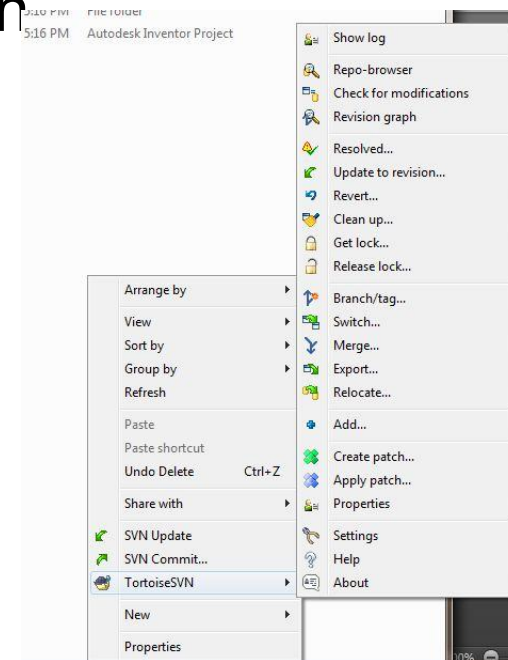
- Revert

- Takes your copy back to the latest version
- Demo

Clean-Up

Basics

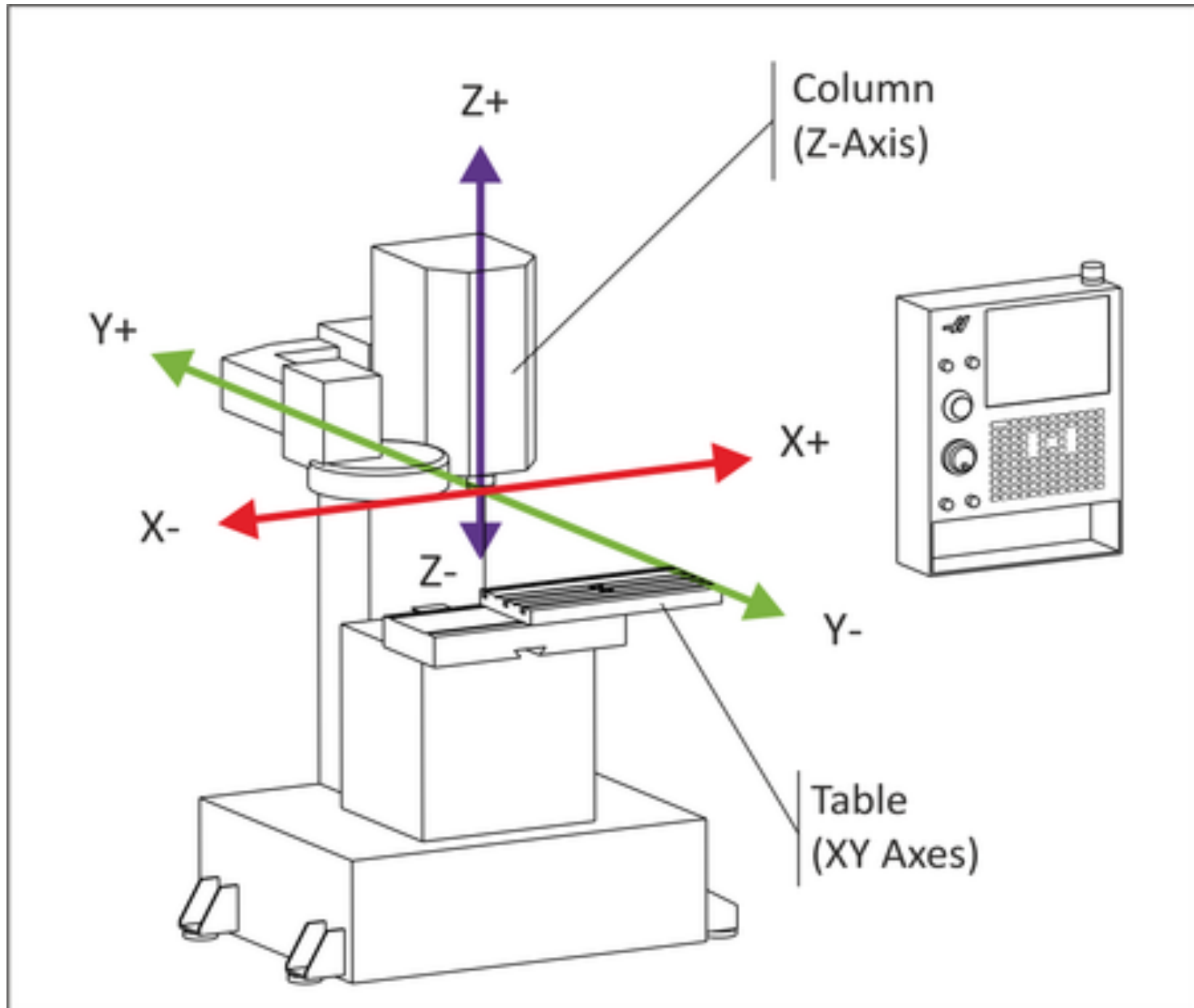
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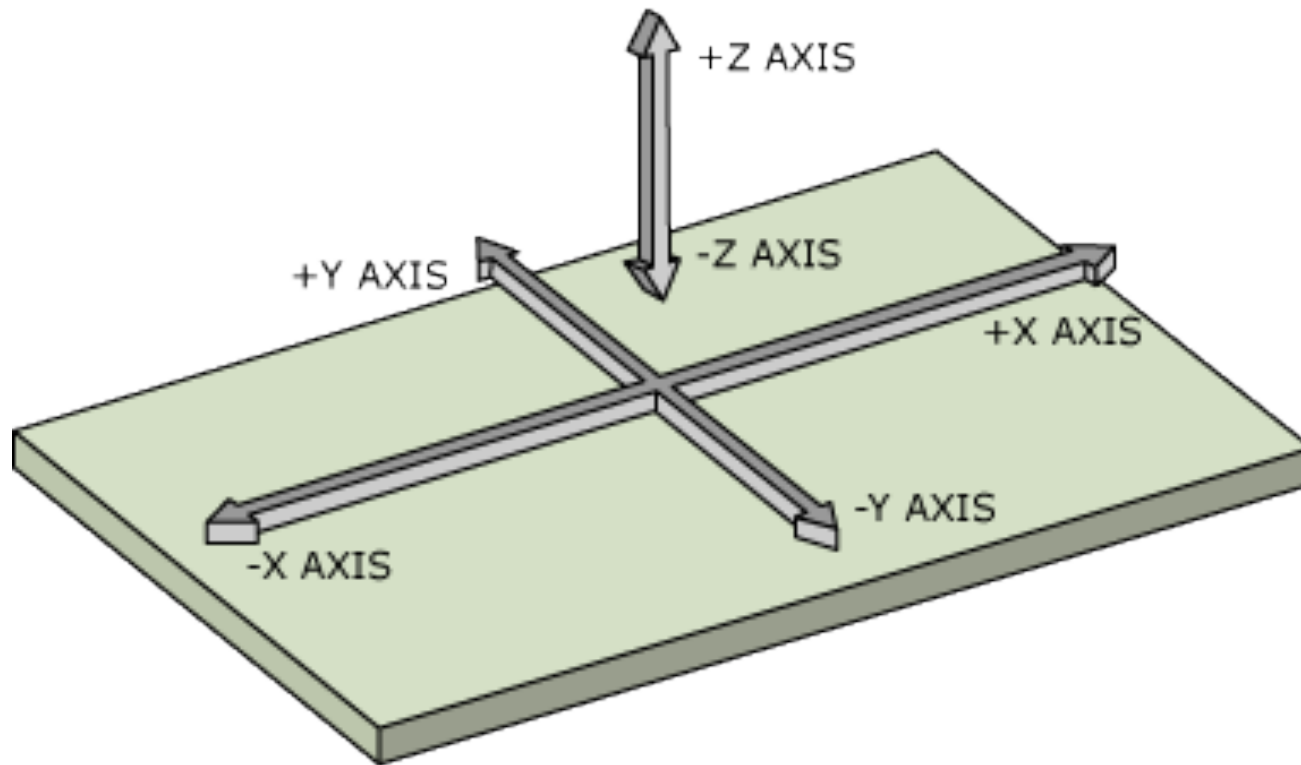
That's it for SVN!

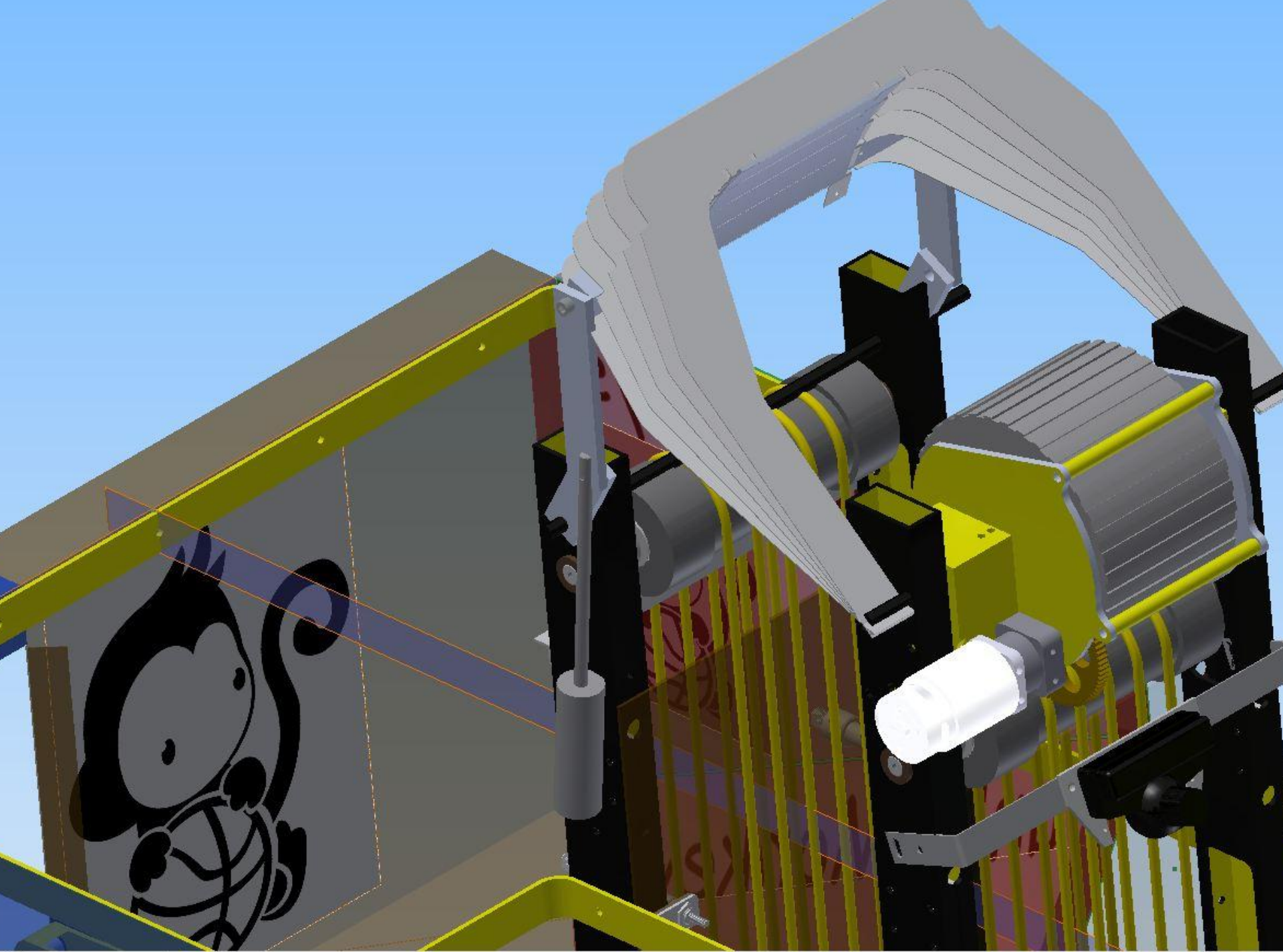
Machining!

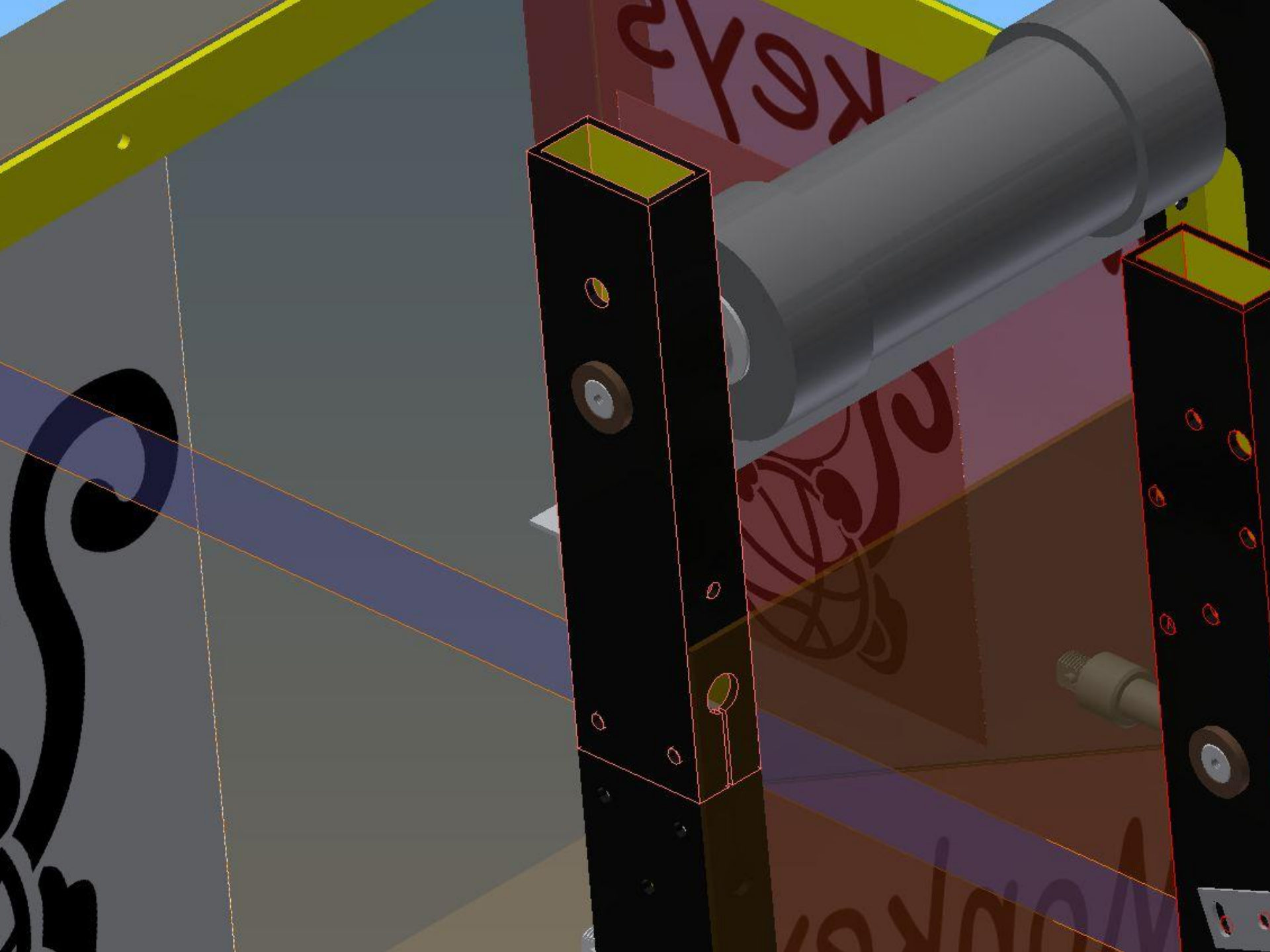
Coordinate System



Part Coordinates







Drawings!