

Create shortcut
 then run shortcut?

create shortcut to run as admin
 then delete
 How to create?

RT Install wizard
 RT Uninstall wizard
 Format/clean wizard

RT Installer

Zip file contains

- configuration
- startup.exe files
- bit file

How to install software?

How to install hardware drivers/dependencies?

Means complete
 app bundles

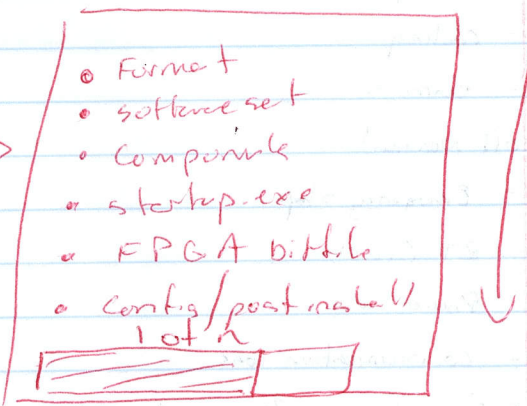
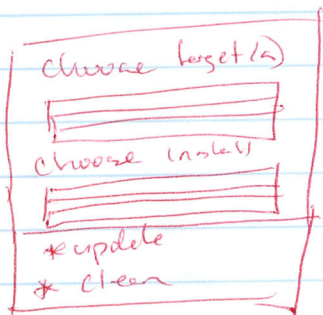
is this a

* Configuration

- contains what components + software reqs to load
- contains base config/extra files
- contains username/password?

- * Can do clean install
- * Can do update

load config →



Start Process
 Wnd.exe

powershell.exe

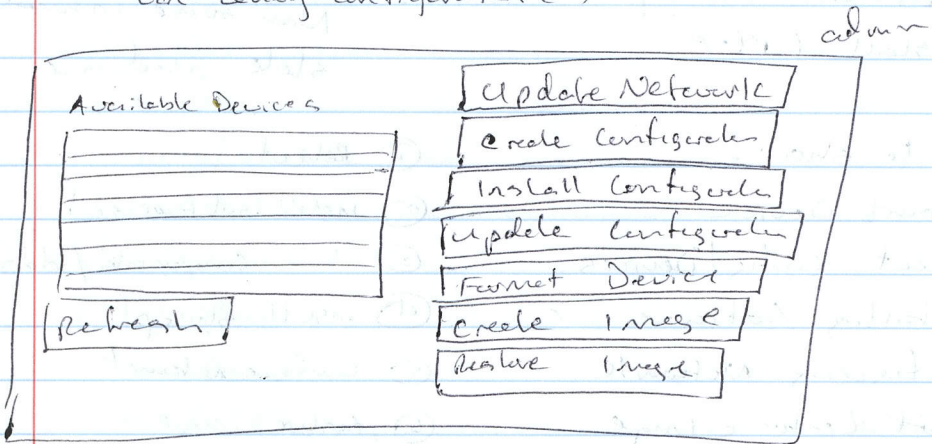
wizard for client installation

- List of configurations
- List of devices

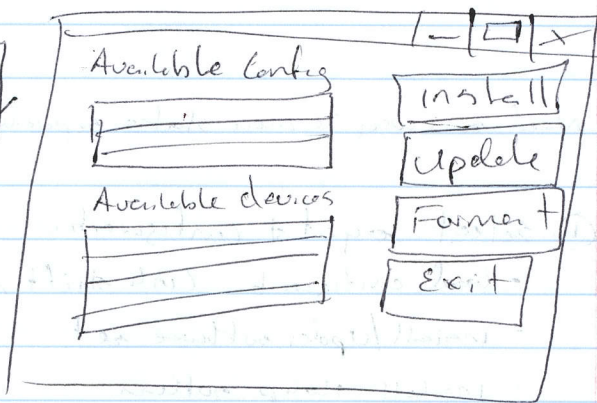
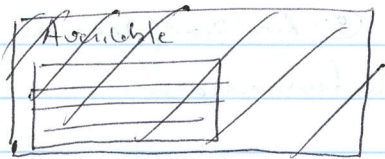
- which the real goal

* Admin

- Can create configurations
- Can ~~load~~ install configurations
- Can clear/format an existing ^{device} ~~etc.~~
- Can copy configurations (?)



* wizard



Future - sold MassSpec to Crown
Crown - provides services
manual? get target / get software?

How to handle Recipe?

- Just pull in Recipe code (straight up)

Always
transition

Automated Mode

- Load the recipe [Build the Recipe]

• Go to put configuration (s), into data

• Load the basic class for data/information

- How to handle failures

- * (1) Fail recipe, notify user and stop, show error to user
- (2) Pause recipe, give the user the option to try again

→

(3) Or someone do that on their own

Basic

- fairly easy, missing hardware

- we provide classes [elementary data handling], spreadsheet solutions

(4) Scalability (I've got to work)

- Probably just ^{drill} one rig at a time

- Got the personnel to someone you know

- → Deployment, numbers is modeling

(5) Client involvement

- client on website

? - client on edit/

EOB

(6) Crown?

- Daily edit

- Morning reports

- Crown deploys equipment

(7) Pictures?

- Pop-up w/ Mass spec

Load Configuration

update selected
save configuration
load selected

RT Installer

Complete Admin mode

- Load & unload configurations
- Create & save configurations
- Confirm work flow

v 1.0

Test

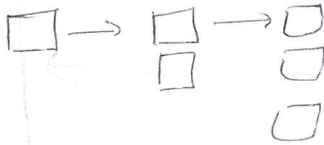
- Post install ability from selected
- ability to install startup components

W Service

Whe



set



~~Manual~~ → ~~Configure~~
 Reboot / Reboot Install

Firmware

Manual → Configure → Network *
 FPGA *

Install → software set
 components
 startup
 FPGA

} some
 intakes?

Automatic → ~~Load configurations~~
~~Create configurations~~
~~Edit configurations~~
 Install configurations → select config
 Create config
 Edit config → *

~~select (Multiple/Single)~~

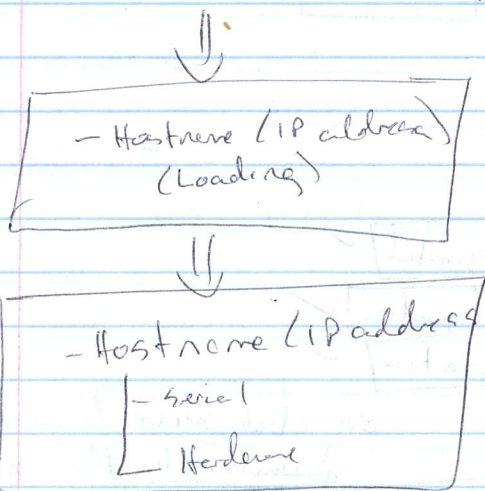
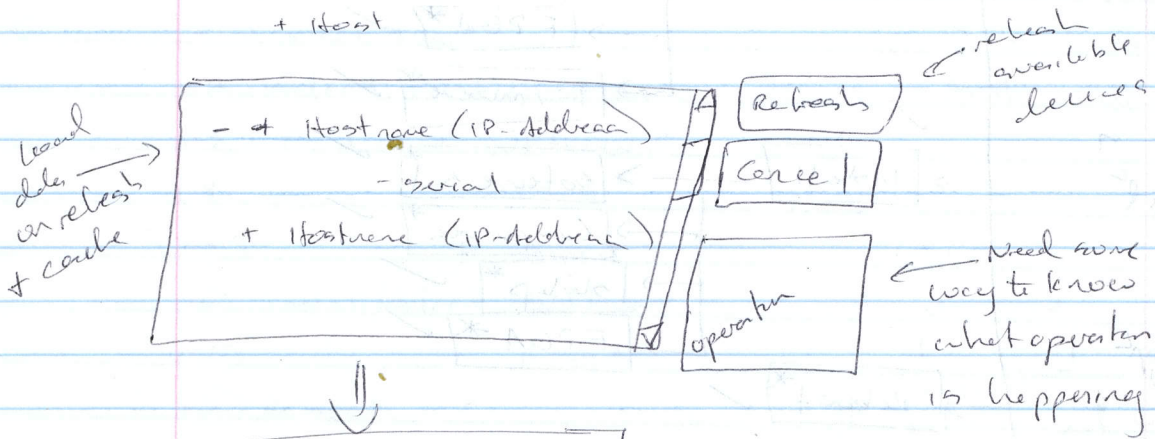
- * select Configuration
- * select Single/Multiple targets

Not a multiselect listbox, but a tree control

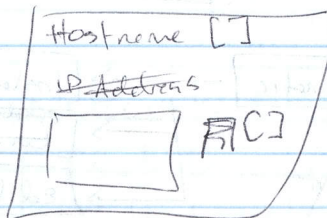
Select Target

Hostname IP Address Serial Number

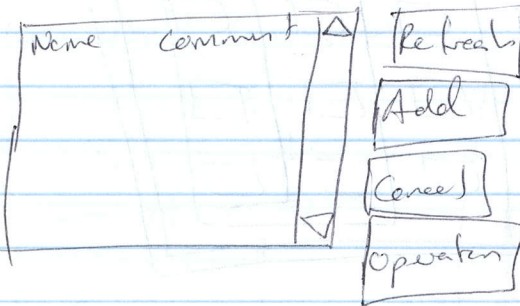
+ Host



Date:



Select Configuration



refresh + verify that snippets are loaded
select package

add all
but not the button control



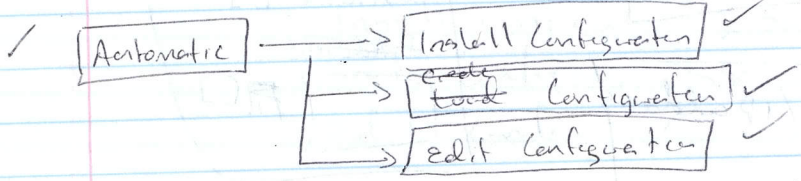
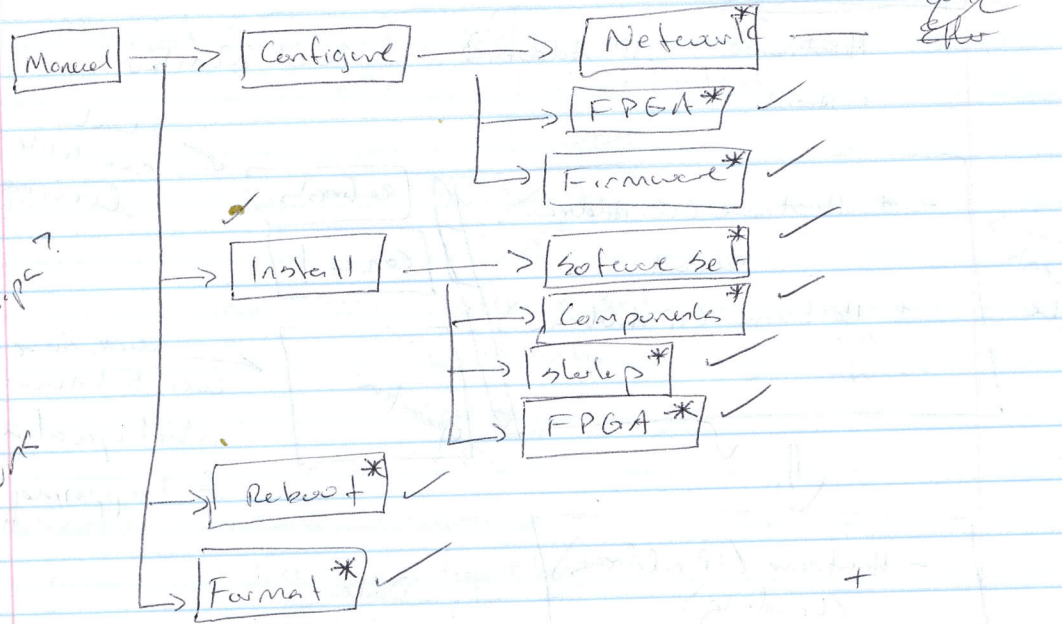
68 | 2px

green
orange
white

* Requires login
** select

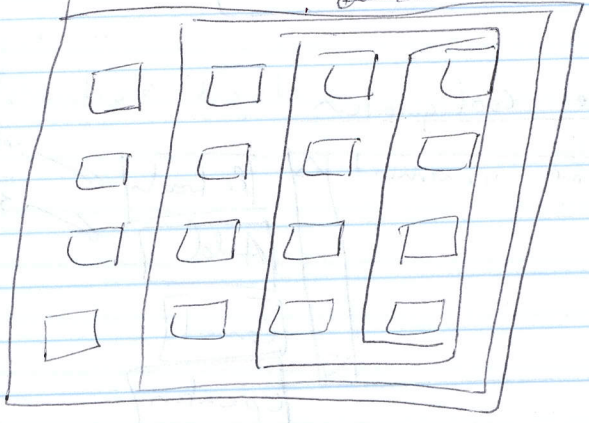
Automatic
Configure
FPGA
Network
Reboot
Manual

Also audibly tip steps?
add duplicate work



✓ Abort
✓ Exit

on click, move forward and
disable other inputs



No tabs
pref ring of Blank Button Control



can't see what software set?

? => maybe able to use the dialogs

← exercise on tree

*Po

1A/58/6D

Dark Green 26/88/109

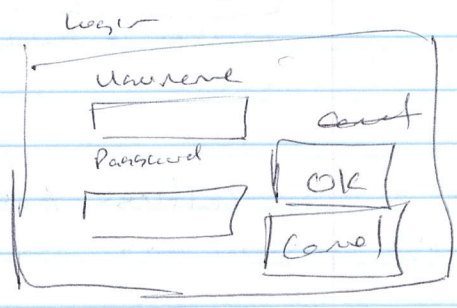
Dark Grey

Mute orange A86B24

174/107/36

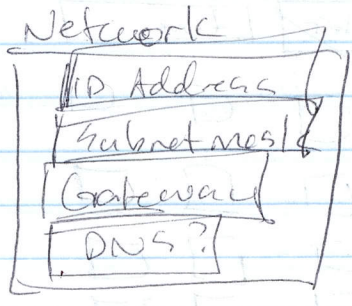
Interfaces

- ✓ ① Select target
- ✓ ② select configuration
- ✓ ③ Configure Network
- ? ④ " " FPGA*
- ? ⑤ " " Firmware
- ⑥ Install/select software
- ⑦ " " " FPGA
- ? ⑧ Reboot
- ? ⑨ Format target
- ✓ ⑩ Login to client
- ✓ ⑪ Create/Edit configuration



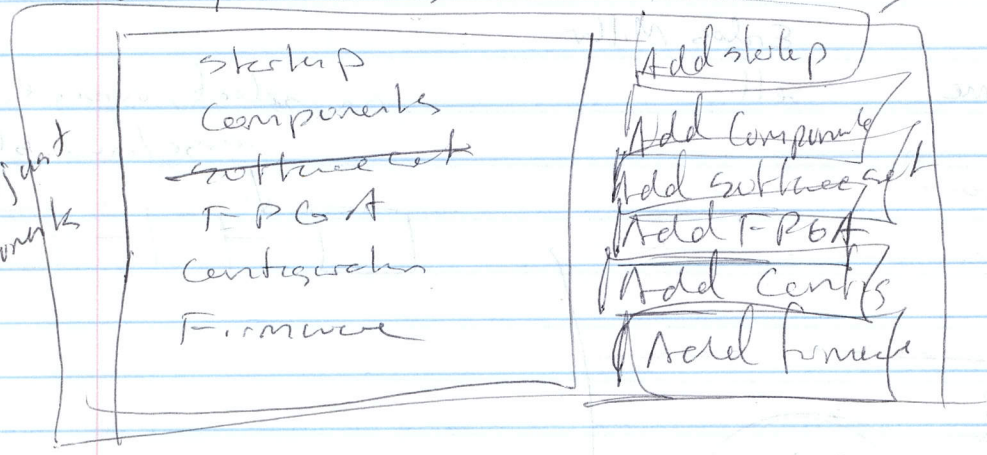
Hard Edges

- Dark Grey
- EM Green
- muted orange



Create/Edit Configuration

maybe just components



Create → Edit

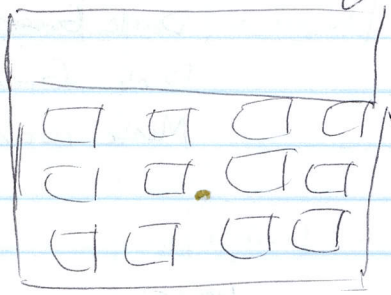
about
orange
grey
white

move about

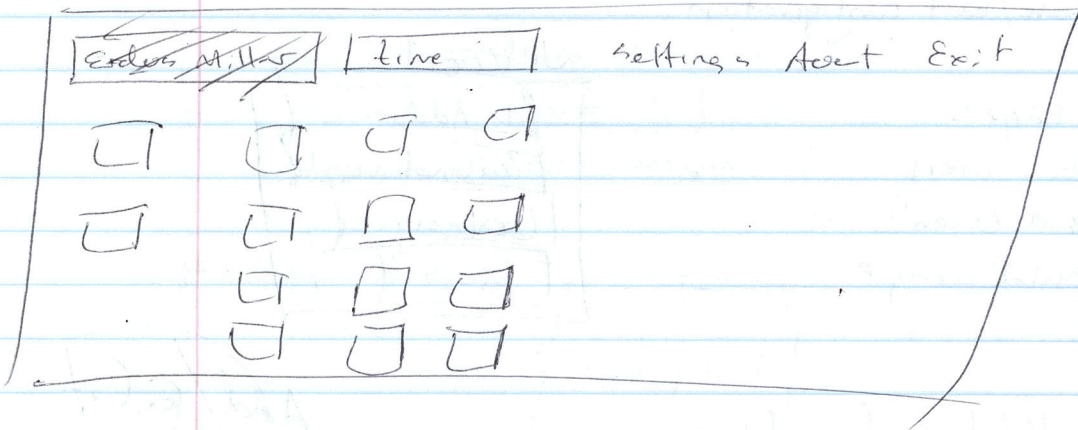
Floating
time

green / orange / time
as

• while w/centfire
• orange



Settings About Exit



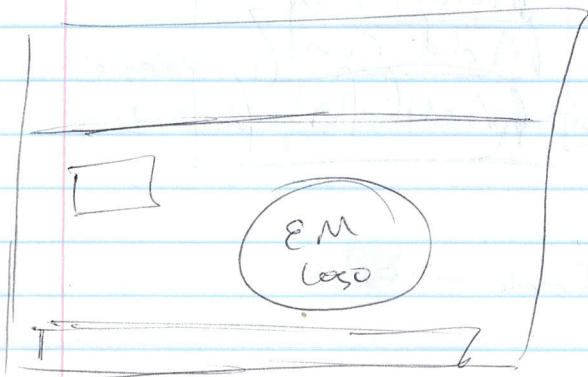
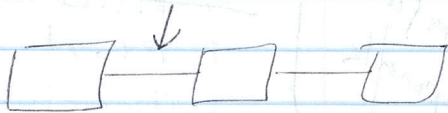
Erdos Miller

time

sett

on select, orange
orange / orange / ble?

Dark Grey Background

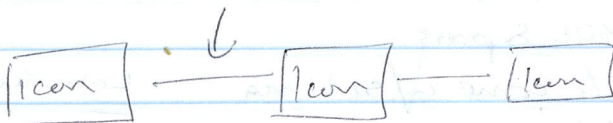


Editor?



on-click → Make offices invisible, move to top and make orange

~~+~~ disabled + white/enabled + grey



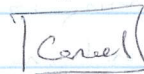
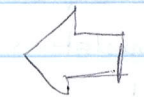
how to return?

orange

Icon

Icon

Icon



Hostname

- serial number

- IP address

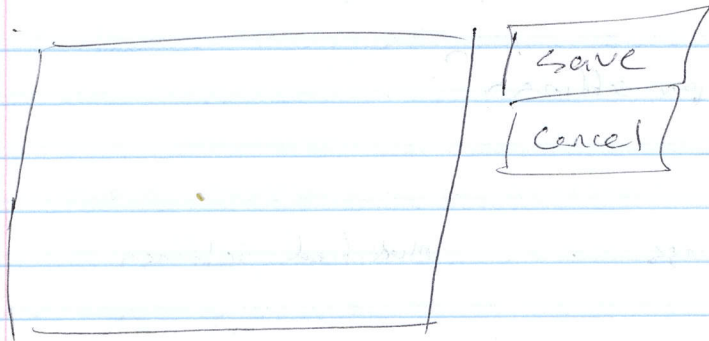
How to

Medley Network

- * select Automatic Configuration
- * create/edit Configuration

Add Remove Read

Context



No Validation

Parameters

- Name
- Comment

+ target

- Configuration
~~erase~~ erase FPGA
- FPGA
- Software Set
- Components
- Startup
- Network

Add

Remove

Read

Add Remove Save
Read Configure Exit

update

only two

Doesn't disconnect - states/logic

Format

Format works correctly

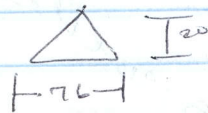
How to

name/comment



9035
9020
9067
9068
myflo1900

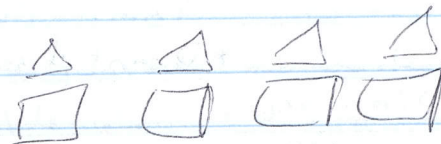
Integrate scrollbars? or bestlines?



triangles

Add power rebates?

optimize w/ Reboot?



Goals



- Can create full configuration, save, edit + install
- Can create from scratch
- Can read a target? it

Need to be able to filter for multiple targets/products
filter on auto

Need to confirm if authentication required for each step target?

Make documentation online

Manual

- How to navigate the application
- How to activate license/trial
- How to create configurations for sample applications
- How to install configuration
- How to manually install software

- * Youtube video and website link (always point to website)
- * how to report bugs

Configurations

- FPGA Bittfile directory
- configuration directory
- filter targets by subnet mask 172.16.n.n

Trial mode

- online only (once every few minutes/step)
- limited to ~~1000~~ USB Adapters, can query the available adapters and look for USB?
- All operations limited to single client target
- only major releases allow beta? / trial mode

Trial mode
- limited

client &
admin share
hmi code?

what if I wanted
to test/protest or
deployment to
configuration to
on 172.16.0.0?

can I include
deployment file
in a library
with a consistent
MD5 check?

1:40

7-day trial?

* Need to

what's needed to get RT installer ready?

- Need beta testing

* Need to test all functions

- Sample application w/ tutorial

• vx works - 9035/9067

• Linux RT - 9031

• FPGA only (NI-9147 + myRIO)

* Close/hide front panel when loading activation

- tree control in configuration rt

- confirm network configuration

→

Auxiliary data not lining up or completely correct?

- is there a reason why gas & cruise data wouldn't line up?

8883 → 12/7/17 7:37:46
5477 (Data Index)

5452

Real Logged

Are we using
the right Data?

8883 → 5369 5408

8938 → 5412 5452

Review

Do some tests with nlp streaming a local P... ..

Need to figure out software key work flow

* IP Consider

Consider / Materials / notes

Things to do?

- Requirements + documentation
- images of different levels
- Plan for development
- Notes during development

~~Manual~~

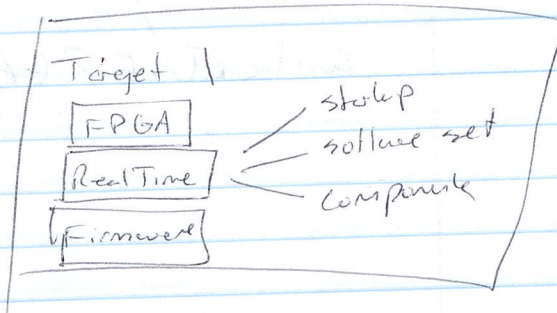
Automatic

RT Installer
Manual (make)

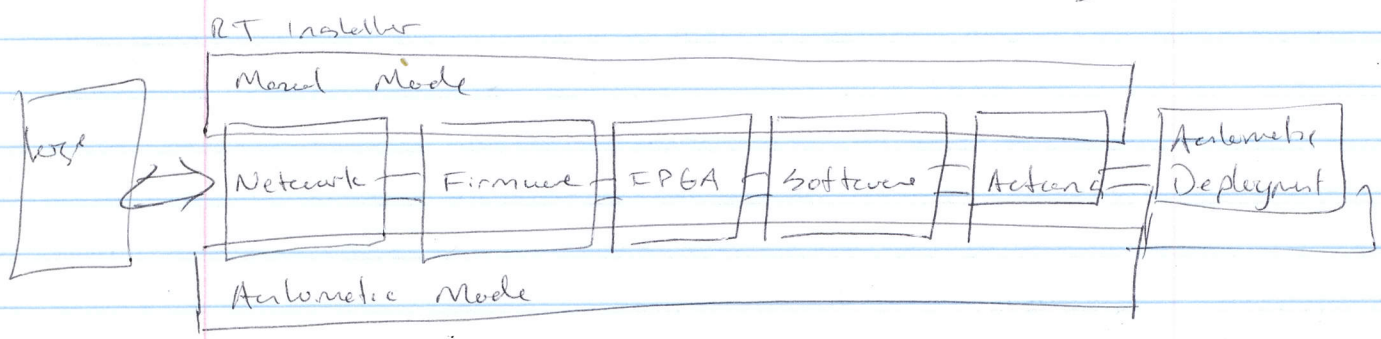
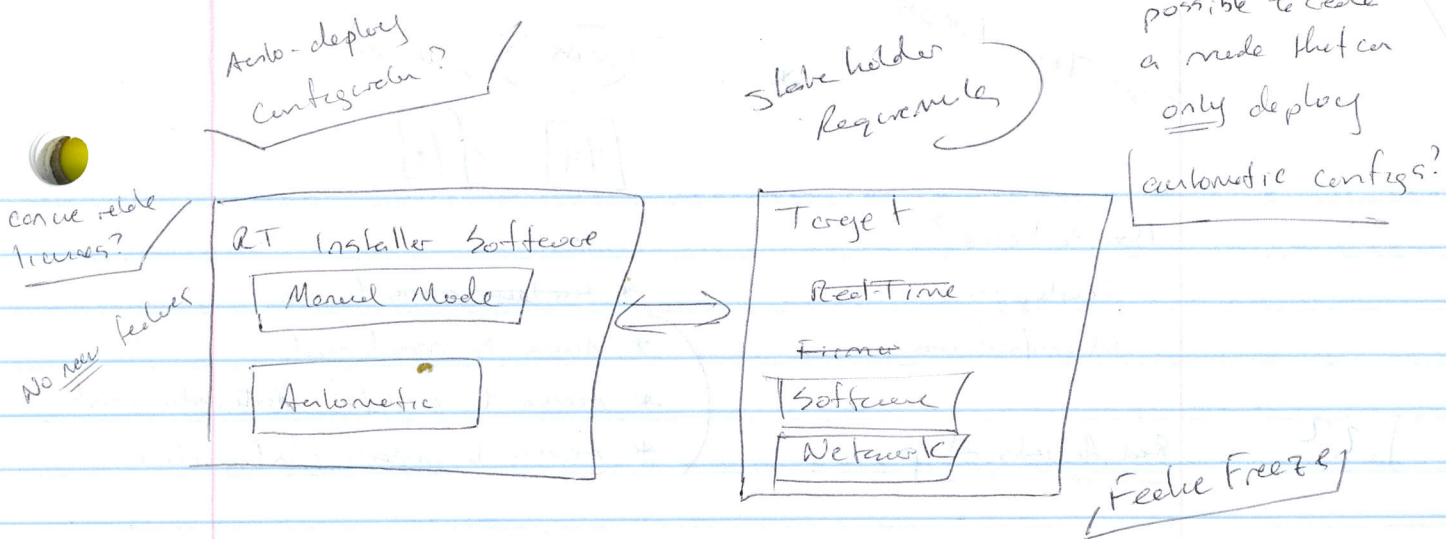
Automatic (make)

├ install
└ recompile

Network



Target 2



Interfaces

- Authentication
- Auto Create RT Configuration
- Network Configuration
- software components
- FPGA bitfile
- software set
- startup software
- target select
- post installer

Functionality

- install software set/items
- install components
- install startup
- configure network
- select firmware
- update/install FPGA
- Reboot
- Format
- erase FPGA
- install automatic deployment
- Create/Edit Deployment Configuration
- offline software database
- Reimage(?)
- software activation

lulibp
plugin