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AI: prepare a excel with flow from me to client

Questions for Kickoff:

* Who is in charge of pinout?
* We need to construct the pinout table = what to do with each pin.
* We need to verify the pinout. Using Vivado
* Is there a requirement doc for the FPGA? The full product specification is very large we need to break it down for the FPGA.
* MS1: What do you need in the PDR? (PPT?, more docs?)
* MS2: Method to prove the design.
* MS3: what do you need for documentation? Method to prove the integration.
* Contact points (HW? SW delivery? Requirements and protocols?)
* Log file not defined yet
* I need go over all requirements with someone and designate how it is done HW/SW
* Define power up bit
* If Periodic bit part of the repeatable status 100 Hz?
* List of documents required (we can deliver version doc, register list)
* We need 2 boards
* Log file trailer has checksum this is redundant and very hard to implement.

Microzed board

Add to ps pins for UART PS

Installing:

(updating ) Virtual box (to version) 7.0.12

Adding a new Ubuntu machine to VBOX from:

The following in red was deleted but saved here for reference

<https://www.releases.ubuntu.com/jammy/> => ubuntu-22.04.3-desktop-amd64.iso

usr: mati pswd: mati

Automatic install: I gave it 32 G ram 14 cpus, and 25G HD

Internet is working fine. Screen resolution: could only set to FHD.

Moved VM from C: to D: (next time check why it has not put it on D…)

Enabled shared clipboard bidirectional

Install hebrew

Changed to automatic login

Shard a folder at: D:\Mati\vms\Ubuntu\shared into /media/sf\_shared

mati was not part of sudoers

Open file

su root

nano /etc/sudoers

Then add the user below admin user like below syntax.

user\_name ALL=(ALL) ALL

sudo apt-get update

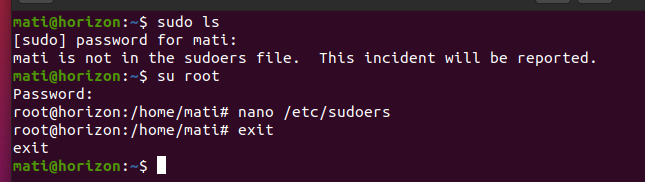
sudo apt-get update

sudo apt-get install build-essentials

sudo apt-get install dkms

installed a new machine from -> ubuntu-20.04.6-desktop-amd64.iso

then add user to sudoers:



Than:

sudo apt update

sudo apt install build-essential dkms linux-headers-$(uname -r)

sudo apt update

sudo apt install samba

sudo apt install nfs-kernel-server

in vbox -> devices -> update guest additions

when installed and ask to run, approve.

In settings -> users change to automatic login

sudo Nano /etc/init.d/mati.sh

then add to file :

**#!/bin/sh**

**/usr/bin/VBoxClient --clipboard**

**/usr/bin/VBoxClient --draganddrop**

**/usr/bin/VBoxClient --checkhostversion**

**/usr/bin/VBoxClient --seamless**

**/usr/bin/VBoxClient --vmsvga**

**/usr/bin/VBoxClient --display**

Then reboot

This also helped:

sudo apt-get install virtualbox

put the video memory to high values to allow grater screen sizes