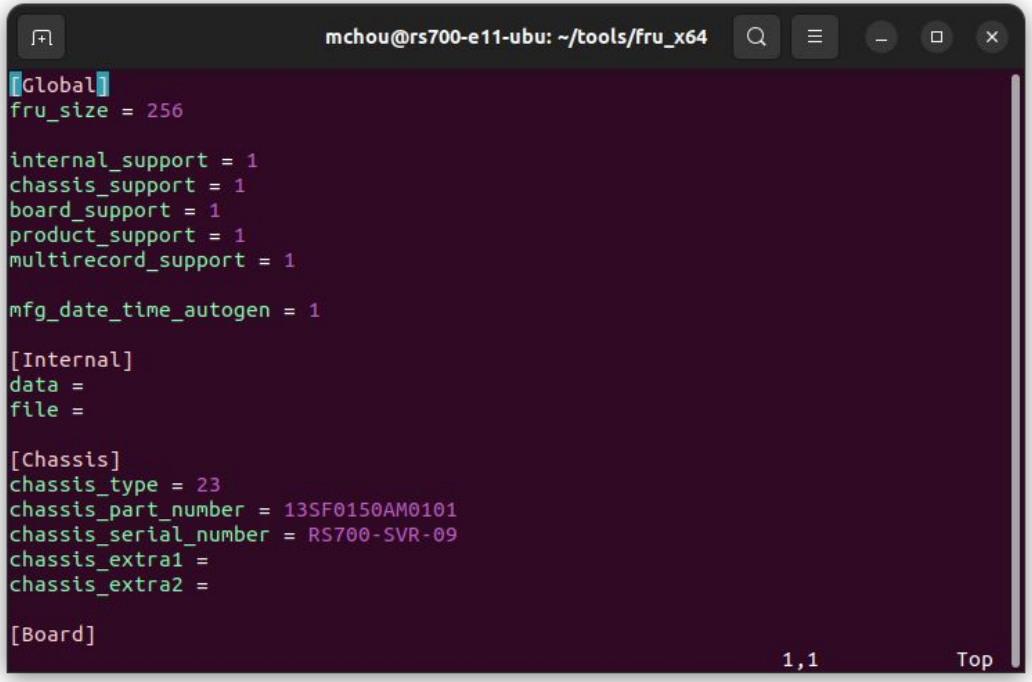
Edit FRU

Before Update

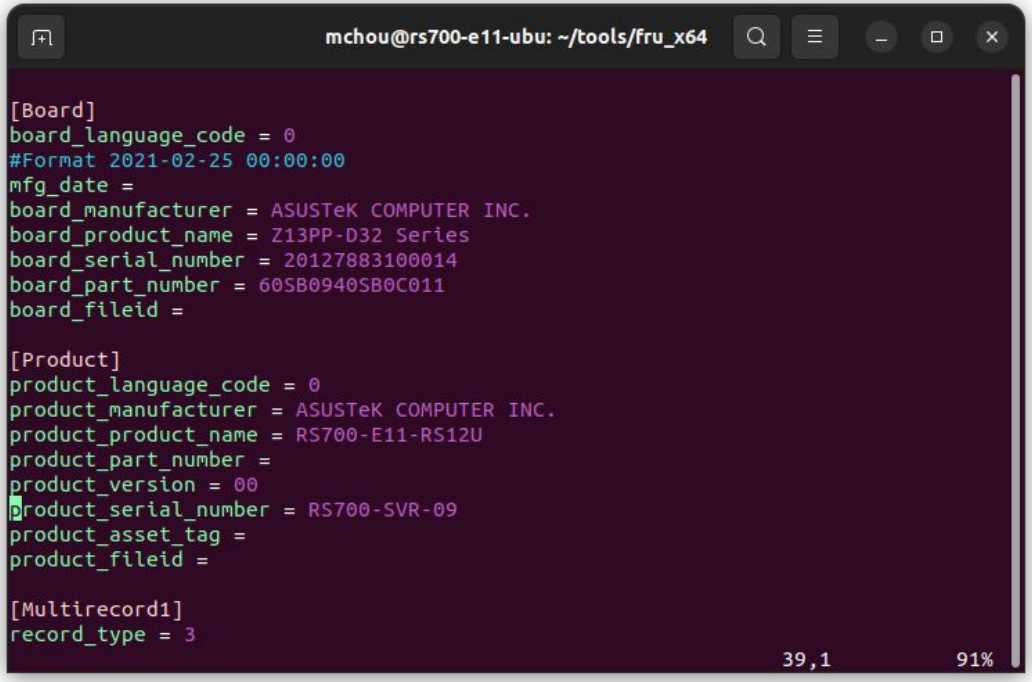
- Before Update, you need to prepare below things
  - OS: Windows or Linux
  - Ipmitool: Windows or Linux version
  - ASUS_FRU_Tools: Windows or Linux version
- The Steps executed on Linux environment

First Step: Edit FRU INI



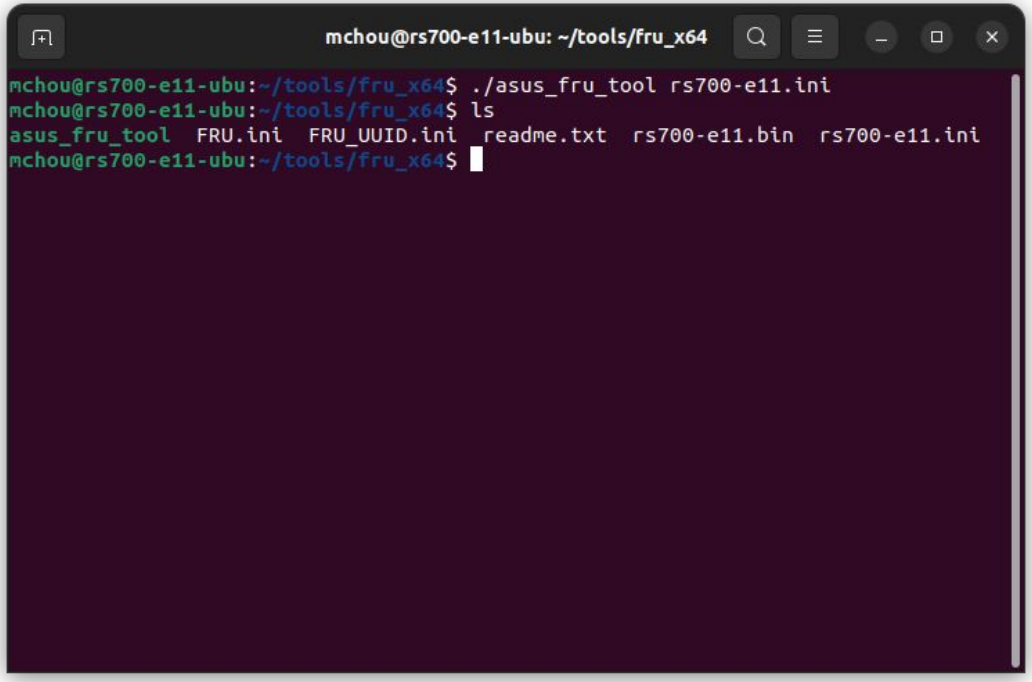
- The FRU INI contains FRU data that will fill into FRU
- In the INI [Global] session, if set item to 1, the asus_fru_tool will phase in.
- Typically our modification will be [Chassis] / [Board] / [Product] sessions.
- [Chassis] session included part number and serial number

First Step: Edit FRU INI



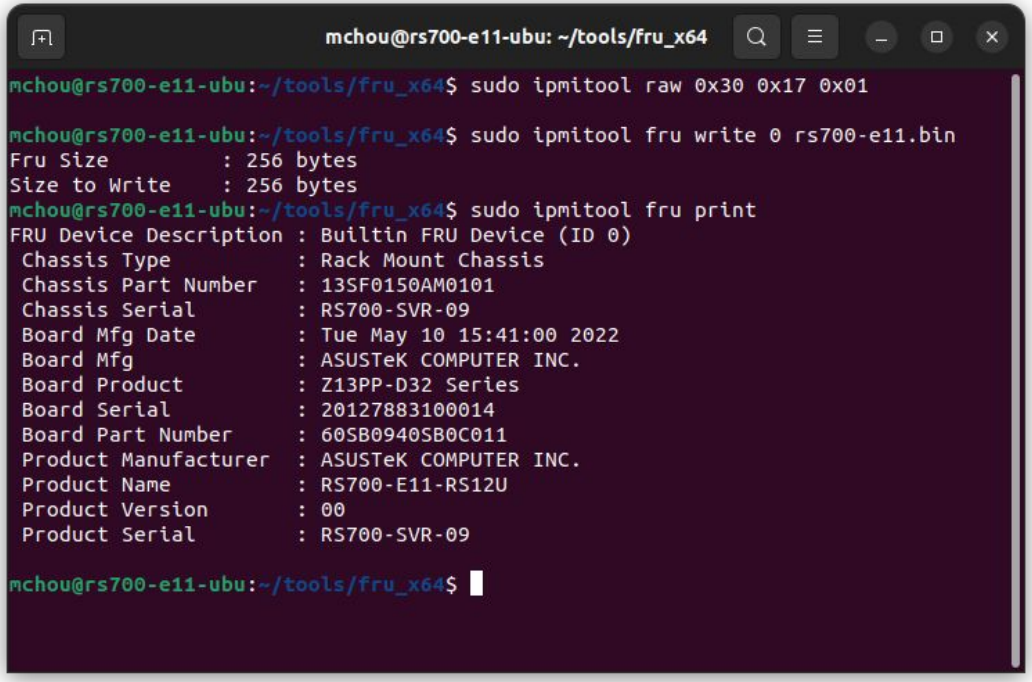
- [Board] session included MB info that is important. Included manufacturer, name, serial number and part number.
- [Product] session include Server info that included manufacturer, name part number version and serial number.
- [Multirecord1] included system UUID, if you don’t need to modify this field, just set support to 0 or remove this session

Second Step: Convert INI to BIN file



- After INI file modified. The Next step is to run the asus_fru_tool to convert the ini into BIN file.
- The asus_fru_tool will check the content of ini and convert to bin file if correct. If the INI included error syntax, the tool will also highlight it.
- Execute asus_fru_tool xxx.ini to convert

Third Step: Write FRU by Ipmitool



- After bin file converted, now we can start the FRU update process.
- First if will need to execute ipmitool raw 0x30 0x17 0x01 to unlock FRU protection
- Next execute ipmitool fru write 0 xxx.bin to write FRU
- After FRU write finished, you can check it with ipmitool fru print

Thank You