

## DEEP MID-SPACE - MISC 100

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*Suddenly, in the silence of the control room, a strange music can be heard, but none of the space team have put it on.*

*R-boy is on his way to find out what the heck is going on.*

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On the website there were a midi file commented, so we downloaded it.

At the begging of the file there a long string in UTF-16. The first thing that stand out is the huge "invalid" base64, right before it there's "lufpleh yrev ,tnih hcuM" once reverse it spells: "Much hint, very helpful", so we got that we had to reverse the entire base64.

Then, after a lot of:

1. read file
2. "what is going on?"
3. "oh wait, i got it"
4. getting another strange file
5. repeat from 1

We ended up with this

```
$ cat sub.b64 | rev | base64 -d | iconv -f UTF-16LE -t UTF-8 | strings | rev
```

Where sub.b64 is the huge base64 (converted in UTF-8) at the beginning of the original midi file

**{FLG:2001\_pts!\_JK\_u\_R\_Only\_at\_the\_B3g1nn1ng}**