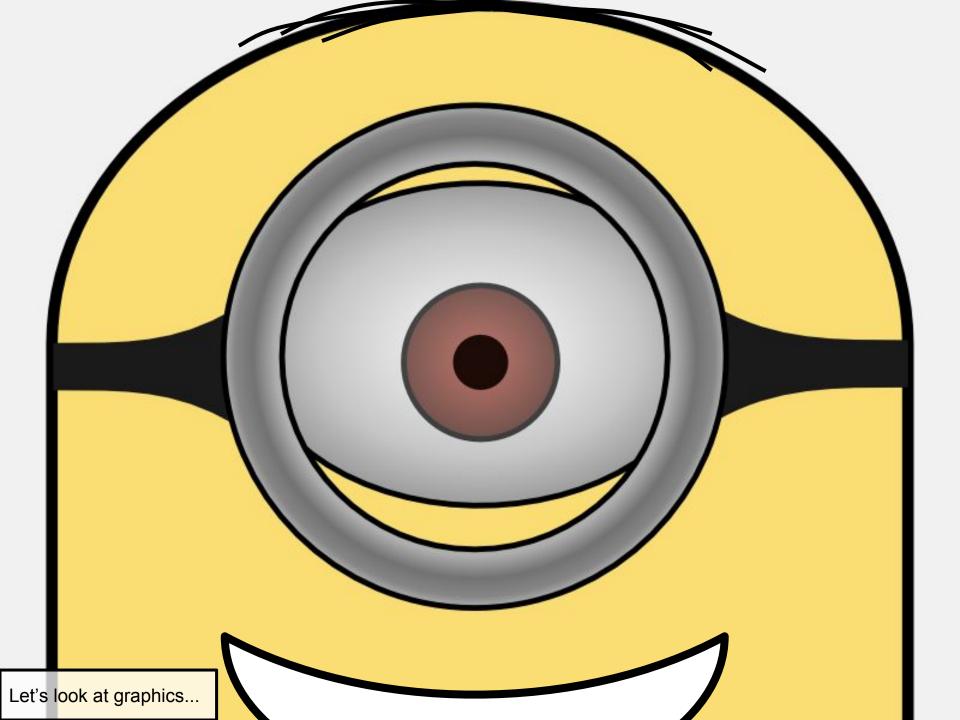


Computers have limitations.

Game developers study how things work, in detail.

Because they know how things really work, they found some tricks.

Thanks to these tricks, they can create better video games.





EIGALLENGE X X



@ DELPHINE Software 1989

But this picture has more than 16 colors!





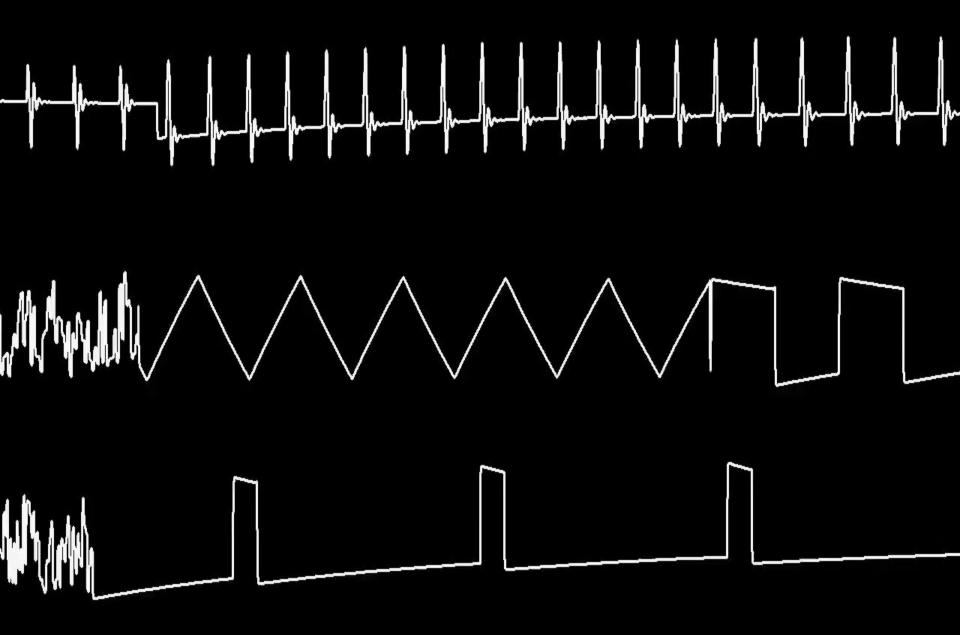
The 16 colors are updated while the picture is displayed.

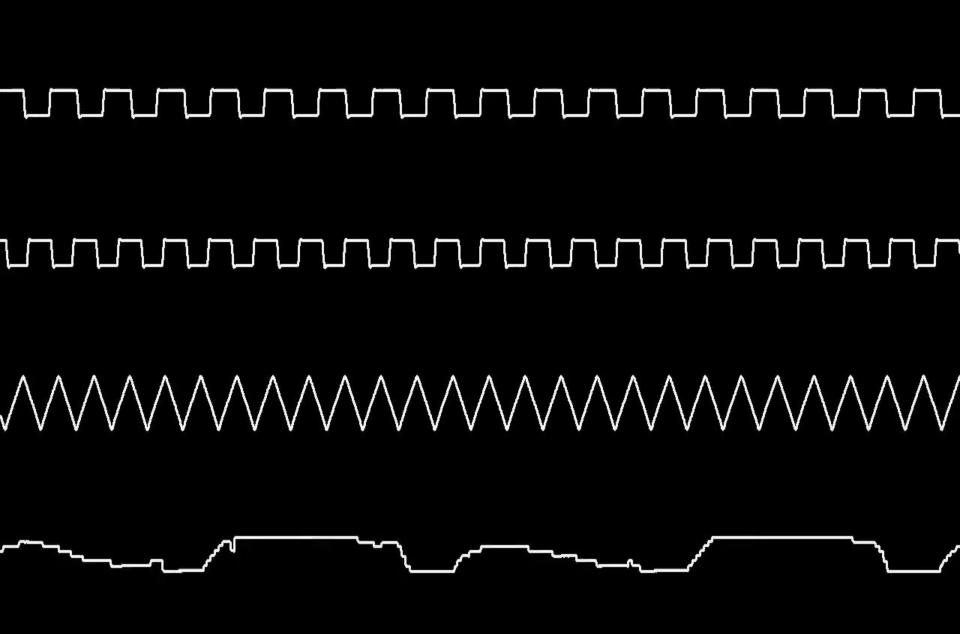


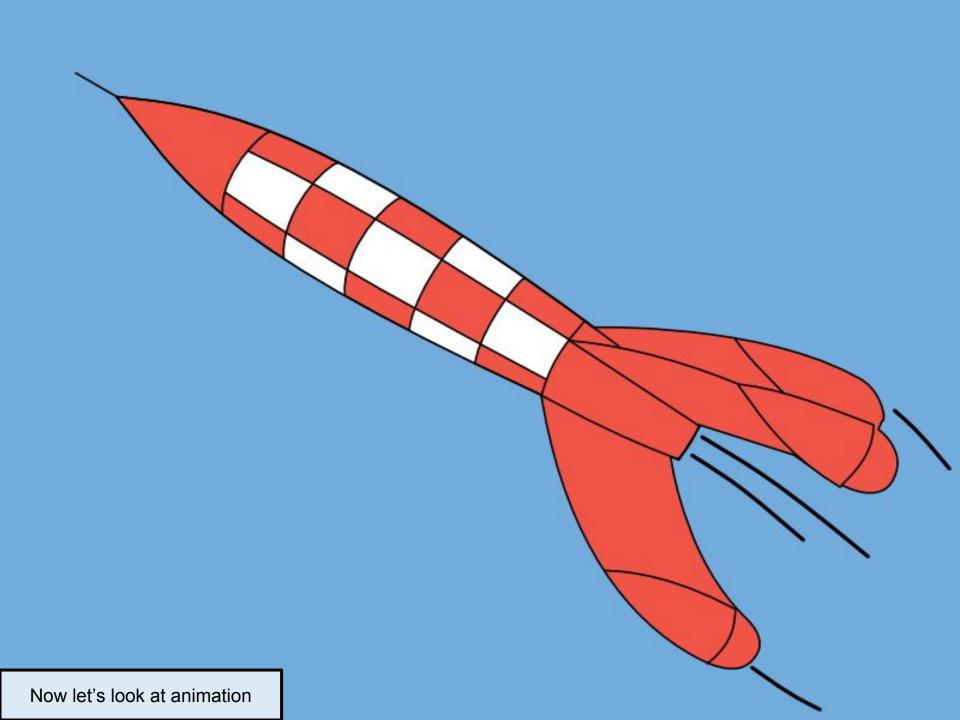












MARIO 347950

<u>0×98</u>

WORLD 5-4 **Z63**

Some systems could only display small objects.



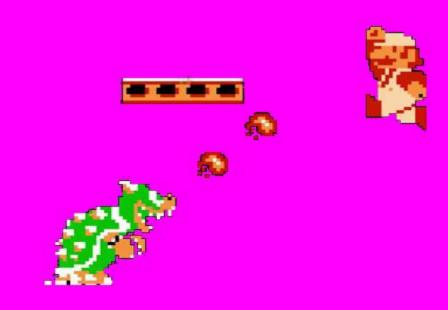
This is the picture...

MARIO 347950

WORLD

TIME

The background takes the whole picture.





So the monster is drawn on the ground of a dark room. A big room where various animations of the monster are drawn.

By understanding how things really work, game developers can create better games (beyond the initial limitations)

If they didn't spend time trying to understand how things really work, their video games would be not so nice.

Hacking:

spend time to understand how things really work (and get awesome results)

1000 othank The AMJE, Abertini.

References

backgrounds: Super Mario Kart Wii, Rick Dangerous, Super Mario Bros, Yoshi, NinjaGo, PollyPocket, Pikachu, Ben 10

Archon - The Light and the Dark, Bio Challenge

- Smooth Mc Groove Contra <u>youtube.com/watch?v=l2yYauKujfM</u>
- C64 Christmas Demo <u>youtube.com/watch?v=X7AjnpT6guk</u> [1:00]
- Rob Hubbard "Thundercats" <u>youtube.com/watch?v=cdfocyMsT5s</u>
- Joeren Tel "Stormlord" <u>youtube.com/watch?v=w3t5P7pvxIE</u>
- Super Mario Bros <u>youtube.com/watch?v=Af-80nW9lc8</u> [10:50]
- Master Blaster <u>youtube.com/watch?v=2STUx_9bkB4</u> [48:00]

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