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2016 2019 2020

About this capture

5 captures

09 Jul 2007 - 10 Sep 2019

Hacking CulT

4 8 6 1 6 3 6 B 6 9 6 E 6 7 2 0 4 3 7 5 6 C 5 4

Research / Knuckles Chaotix / Chaotix 32x art format

Header:

0x00 (word) - X start of the art

0x02 (word) - X end of the art (shifted right by 2, subtracted by one) - $x2=(end>>2)-1$

0x04 (word) - Y start

0x06 (word) - Y end

Now, until the counter reaches the final line, the following is looped:

Header:

0x00 (byte) - X start of the line

0x01 (byte) - length of the line (shifted right by 2)

0x02 (word) - line number

After that, there are bytes. Each byte corresponds to one pixel. The SH2 code adds \$13 (or something different, depending on the need) to each byte. That final value points to a CRAM color. Simple as that.

The art should end with a 0x0000 at an even address.

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[2. Chaotix 32x Art Viewer >>](#)

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