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"After the Break"
ASCII Art

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What is ASCII Art?

- Creating images on a computer using the ASCII characters to build up an image

- Why?
  - Early printers often lacked graphics ability and thus characters were used in place of graphic marks
  - To mark divisions between different print jobs from different users, bulk printers often used ASCII art to print large banners, making the division easier to spot so that the results could be more easily separated by a computer operator or clerk
  - ASCII art was also used in early e-mail when images could not be embedded
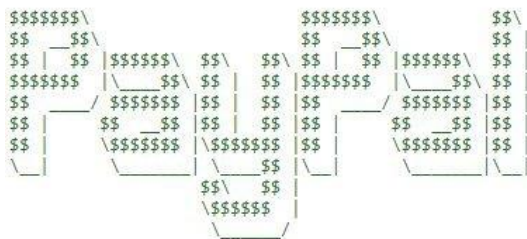 - Used today in Twitter and text messaging

http://www.columbia.edu/cu/computinghistory/la36.html

http://www.multicians.org/printer.html

(Based on https://en.wikipedia.org/wiki/ASCII_art)

Some Examples of

ASCII Art "HTML Recruiting" Fad...
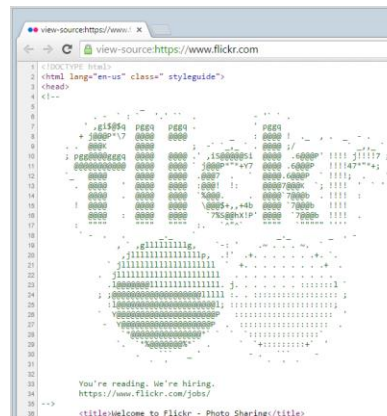
ASCII Art: Image to ASCII Art Algorithm Discussion

Java Demo

- Example from: http://codehackersblog.blogspot.com/2015/06/image-to-ascii-art-converter-in-java.html
- Download Img2Ascii.java and jpg files from Blackboard
- Compile with command:
  - Javac Img2Ascii.java
- Run by typing:
  - Java Img2Ascii
- Examples:
  - Java Img2Ascii Olympic_rings.jpg
  - Java Img2Ascii SonOfMan.jpg
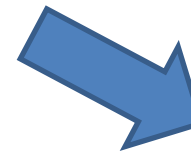
ASCII Art…Some Tools

- Example Java code (version posted) from http://codehackersblog.blogspot.com/2015/06/image-to-ascii-art-converter-in-java.html
- See demo for converting an image into ASCII Art at http://www.glassgiant.com/ascii/
- JavE Editor is an ASCII Art editor (written in Java) at http://jave.de/
- Good old Notepad and create "by hand"
  - For example, let's do "A" in block letter style together…