

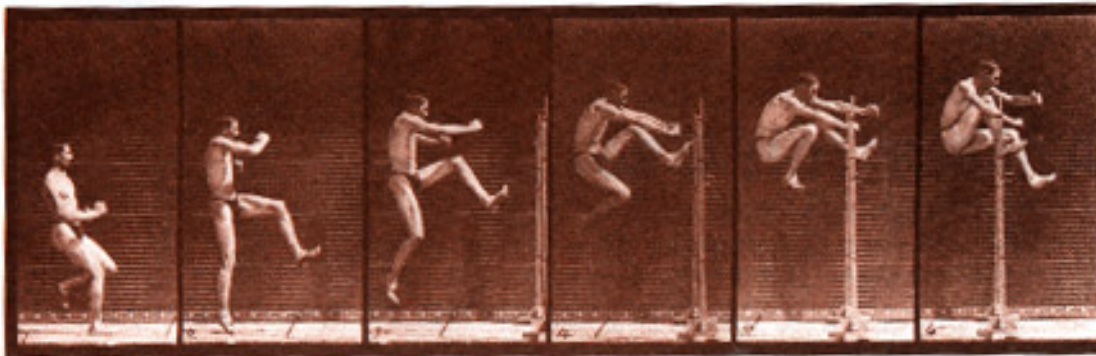
History of Animation (a quick synopsis)

Also see:

http://en.wikipedia.org/wiki/Animation_history

In the Beginning...

Edweard Muybridge "Humans in Motion" stop motion photos - studied the dynamics of animal movement this way.

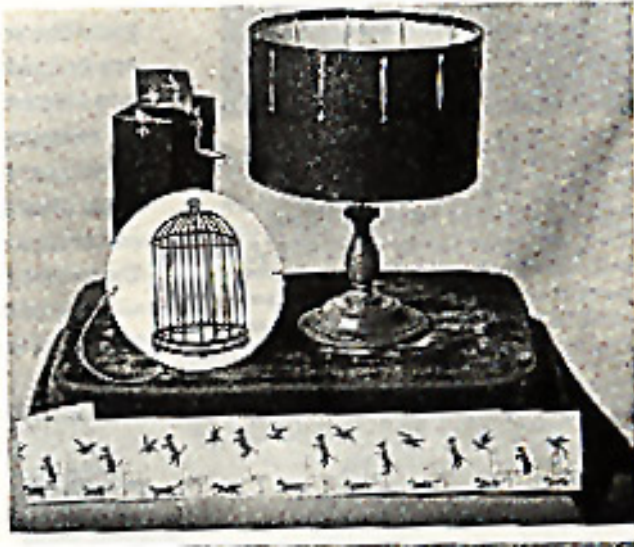


Zoetrope (series of sequential images in a revolving drum) when the drum is revolved the slits in the drum creates the illusion of motion and becomes first movie- similarly film creates this illusion by having one image then black then image then black again.

<http://www.youtube.com/watch?v=dKEM5sYnOjE>

Thaumatrope (disk with one image on each side) twirl it and the two images superimpose on each other. two frame animation.

<http://www.youtube.com/watch?v=DhSgNnBzOpw>



French Brothers Auguste and Louis Lumiere

Technology for recording of sequential images on a flexible film base. (1895)

- most of the first films were French and released in America...

Arrival of a Train at La Ciotat (1895)

<http://www.youtube.com/watch?v=1dgLEDdFddk&feature=Playlist&p=DFAEF9A522C2F65E&index=6>

Norman McLaren - Canadian - organized the National Film Board of Canada.

Early Abstractions – 1946-57

<http://www.youtube.com/watch?v=TNh12zaFtxo>

Boogie Doodle – 1940s

<http://www.youtube.com/watch?v=TgJ-yOhpYIM>

Cel and Paper Animation Technique

By mid-1910s animation production in US already dominated by the techniques of cell and paper.

Cell animation was more popularized in America than in Europe because of assembly line Taylorism that had taken America by storm. Cell Animation was

most appropriate to the assembly-line style of manufacturing because it took a whole line of persons working on very specific and simple repetitive duties. On the other hand, in Europe where the assembly-line style of work was not encouraged, clay animation and other forms of animation that required only a few individuals working on the set at a time was more popularized. Because the actual set could only afford a limited amount of individuals working at one time together and no more this style and other alternative forms of animation became more widely accepted.

A List of Very Early Animations (NOT DISNEY!) Films (of note):

Humorous Phases of Funny Faces (J. Stuart Blackton 1906)

<http://www.youtube.com/watch?v=wGh6maN4I2I>

Fantasmagorie (Emile Cohl - 1908)

<http://www.youtube.com/watch?v=aEAObel8yIE>

Gerty the Dinosaur (Winsor McCay - 1914)

<http://www.youtube.com/watch?v=UY40DHs9vc4&feature=Playlist&p=DFAEF9A522C2F65E&index=1>

Felix the Cat (Pat Sullivan - 1919)

http://www.youtube.com/watch?v=ZbX-BeSY_18&feature=Playlist&p=DFAEF9A522C2F65E&index=8

Disney

cell animation - draw each image one at a time using onion-skinning technique



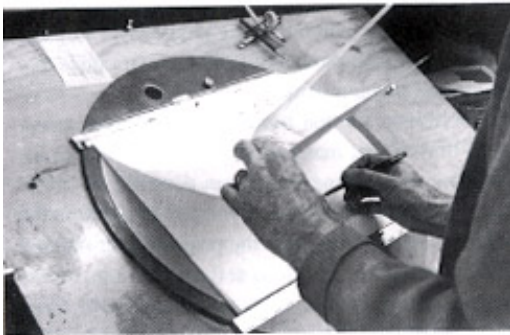
Early Disney where mechanical techniques still used. Arms literally extend not stretch...

How Walt Disney Cartoons Are Made (1937)

<http://www.youtube.com/watch?v=819e2isEfEg>

Oswald the Lucky Rabbit (Walt Disney – 1927)

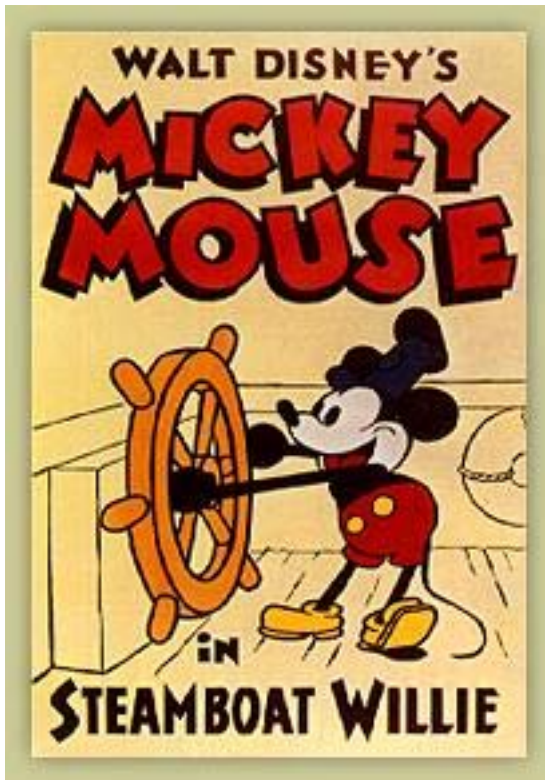
<http://www.youtube.com/watch?v=c9LmDpMO2k0&feature=PlayList&p=DFAEF9A522C2F65E&index=9>



Cell Animation Process

Traditional cell animation - drawings created one by one animators create the keyframe and assistances create inbetweens; onion skinning process used to make easier the reference drawing of each additional image.

Synched Sound: Steamboat Willie - released November 18, 1928 - Disney

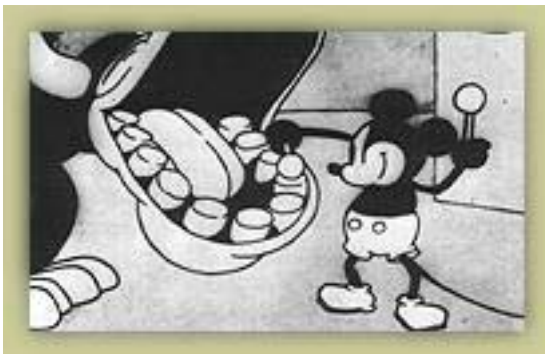


Steamboat Willie (1928)

http://www.youtube.com/watch?v=AEEaT_UQnVM

Disney created the first cartoon synchronized with sound entitled 'Steamboat Willie'.

At first Disney tried to reach a deal with RCA or Western Electric to record the soundtrack but were turned down. Instead Walt contracted with bootleg Powers Cinephone process and even with a disastrous first recording finally in a session recorded the soundtrack with a 15-piece band and his very own Mickey squeaks.



The Future of Animation...

Multiple Methods demonstrated! In Animando (Marcos Magalhaes)

- Pixelation (human at beginning and end)
- Traditional cell
- Stop motion - paper
- Gel on glass (finger painting)
- Sand
- String
- Clay
- Scratched film
- paint directly on film

http://www.nfb.ca/film/animando_english/

there are also a lot of other good animation examples on the site above!

Open Directory Project – Animation

<http://www.dmoz.org/Arts/Animation/>

The Pursuit of Character (blog)

<http://pursuitofcharacter.com/>

Angry Alien

<http://angryalien.com/>

YOU! - 11 Second Club – Monthly Character Animation Competition

<http://www.11secondclub.com/forum/viewtopic.php?pid=37698>

