

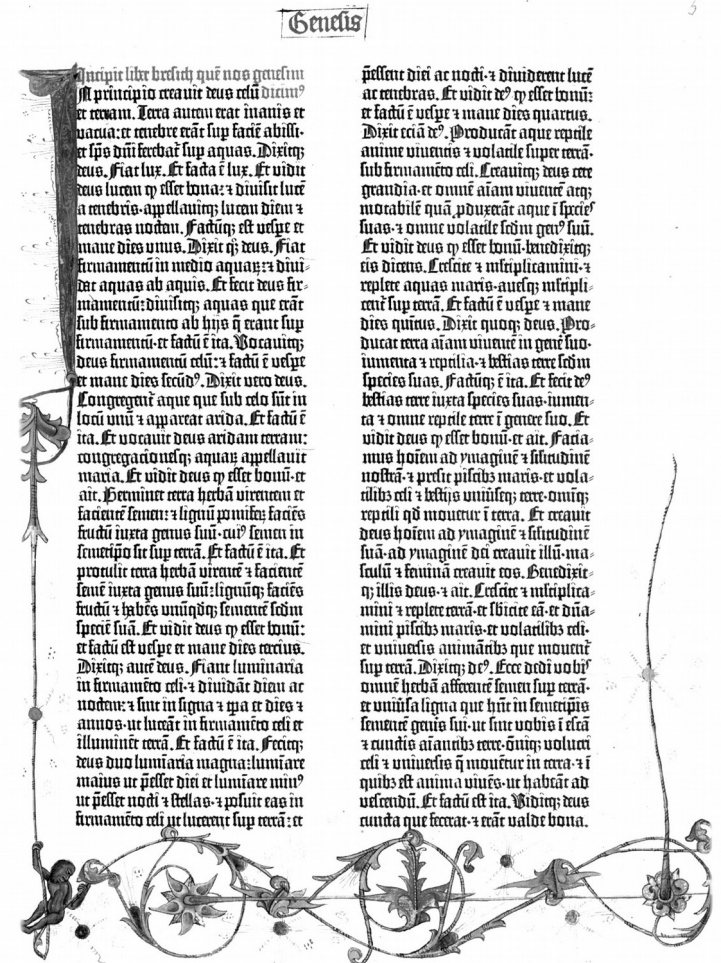
ASCII art ed emoticons: informatica, costume, linguaggi (?)

Storia dell'Informatica
a.a. 2020/21

- L'informatica che influenza il costume
- Caratteri, variazioni e divertimenti
- ASCII art
- Gerghi, abbreviazioni, convenzioni
- Gli emoticons

- Johannes Gutenberg
 - La Bibbia a 42 linee (1453)
 - Circa 180 copie, 48 rimaste
 - Un processo, 20 persone

- Altri pretendenti
 - Panfilo Castaldi, Feltre
 - Procope Waldvogel, Avignon
 - Laurens Coster, Haarlem
 - I Cinesi, ovviamente



- Il gotico di Gutenberg
 - Verticale, spigoloso
 - Pieno e massiccio
 - Difficile da leggere

- Nicholas Jensen, 1476
 - Morbido, spaziato, tondo
 - Una riscoperta degli Umanisti
 - Minuscola carolina
 - Maiuscola onciale

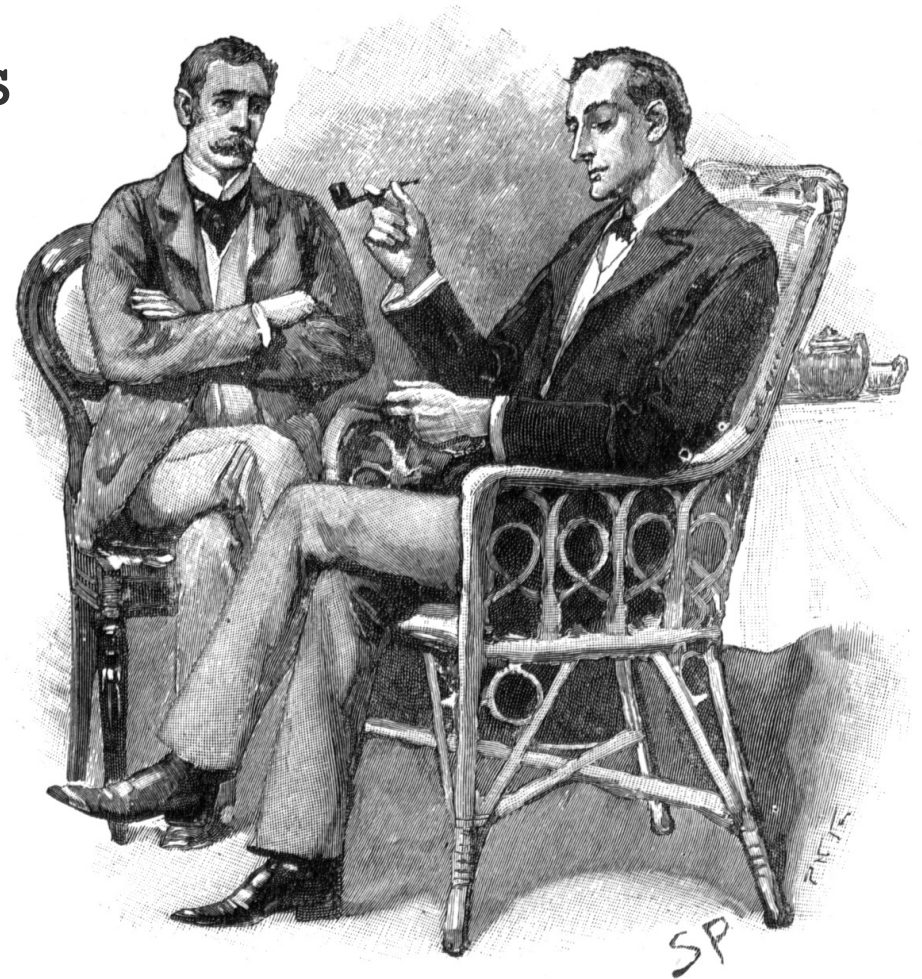
abcde

abcde

□ Hound of The Baskervilles

▪ I edizione 1902

The detection of types is one of the most elementary branches of knowledge to the special expert in crime, though I confess that once when I was very young I confused the *Leeds Mercury* with the *Western Morning News*. But a *Times* leader is entirely distinctive, and these words could have been taken from nothing else. As it was done yesterday the strong probability was that we should find the words in yesterday's issue."



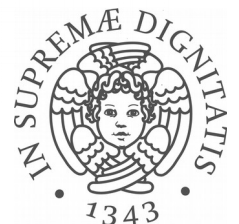
- Rompere le righe
 - Giocare con i caratteri
 - È solo l'inizio

- Alice's Adv. in Wonderlands
 - I ed. 1865, Macmillan, UK
 - Scartata, ristampata nel 1866
 - Rivenduta da Appleton, USA

"Mine is a long and a sad tale!" said the Mouse, turning to Alice, and sighing.

"It *is* a long tail, certainly," said Alice, looking down with wonder at the Mouse's tail; "but why do you call it sad?" And she kept on puzzling about it while the Mouse was speaking, so that her idea of the tale was something like this:—

Fury said to
a mouse, That
he met
in the
house,
'Let us
both go
to law:
I will
prosecute
you.—
Come, I'll
take no
denial;
We must
have a
trial:
For
really
this
morning
I've
nothing
to do.'
Said the
mouse to
the cur,
'Such a
trial,
dear sir,
With no
jury or
judge,
would be
wasting
our breath.'
'I'll be
judge,
I'll be
jury,'
Said
cunning
old Fury;
'I'll try
the whole
case,
and
condemn
you
to
death..'



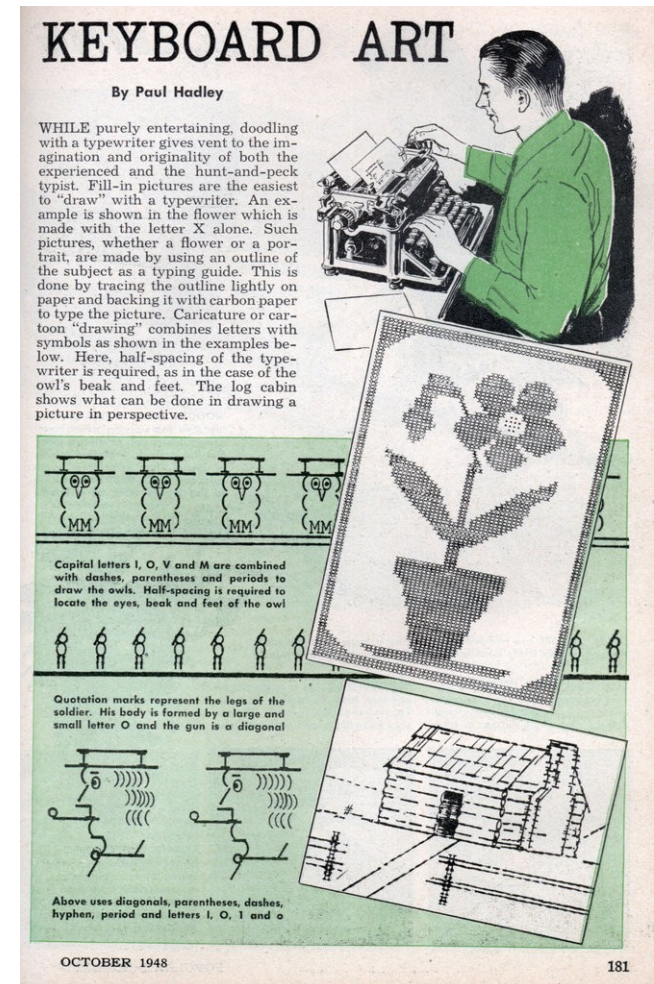
- Daugherty Visible, 1893
 - La prima moderna
 - Visibile
 - Qwerty

- Caratteri monospaziati
 - Un'esigenza meccanica
 - Grazie abnormi, pance magre
 - Fino alla Olivetti Graphika



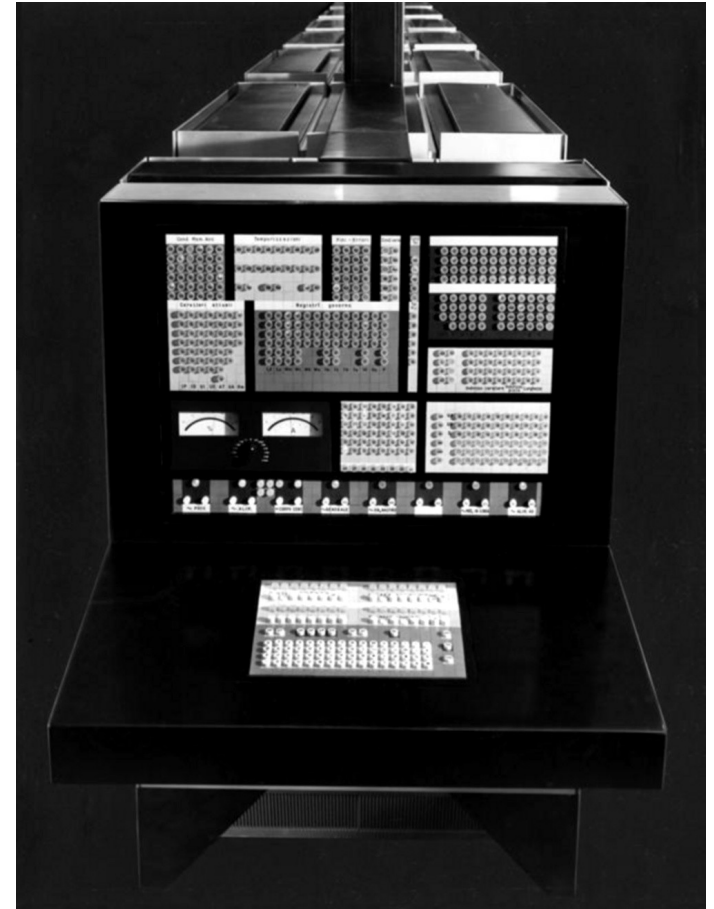
- Popular Mechanics, 1948
 - Artisti della tastiera
 - Tecniche e trucchi

- Non è ASCII art
 - Solo perchè la prima ed. dello standard è del 1963



- Periferiche ideali
 - Le telescriventi
 - Stessa meccanica delle macchine per scrivere

- Promuovere i calcolatori
 - Servono demo
 - Qualcosa da stampare...



□ Olivetti per MPS



- Olivetti per MPS
 - Opere famose, come la Gioconda sui primi IBM
 - In questo caso la caccia all'originale è ancora aperta...



- IBM 360 (1965-78)
 - Distribuita in Italia su Skema, giugno 1971
 - IBM 1403 Printer ribattitura





□ roemer.c, 1989

- Best layout al 6° IOCCC
- Ovviamente calcola...

```

char
_3141592654[3141
    ,_3141[3141];_314159[31415],_3141[31415];main(){register char*
_3_141,*_3_1415,*_3_1415;register int_314,_31415,_31415,*_31,
_3_14159,_3_1415;*_3141592654=_31415=2,_3141592654[0][_3141592654
-1]=1[_3141]=5;_3_1415=1;do{ _3_14159=_314=0,_31415++;for( _31415
=0;_31415<(3,14-4)*_31415;_31415++)_31415[_3141]=_314159[_31415]=
1;_3141[*_314159=_3_14159]=_314;_3_141=_3141592654+_3_1415;_3_1415=
_3_1415+_3141;for
    (_31415=_3141-
_31415;_31415--
_3_1415++){_314
_314<<=1;_314+=
*_3_1415;_31
)**_31=_314/
[_3141]=_314%
_3_1415;*(
)+=*_3_1415
_3_1415>=
_3_1415+=-
)++;_314=_314
_3_14159&&*
=1,_3_1415=
_314+(_31415
while(++*
)*_3_141--=0
);{char*
write((3,1),
),(_3_14159
3.1415926; }
_31415<3141-
31415%_314-(
_31415_]+
[_3]+1)-_314;
,_3141592654))
    =*_31;while(*
31415/3141)*
10,(*--_3_1415
[_3141];if(!
_3_1415)_3_14159
3141-_31415;)}if(
>>1)>=_31415)
_3_141==3141/314
);}while(_3_14159
_3_141="3.1415";
(--*_3_14,_3_14
++,+_3_14159))+
for(_31415=1;
1;_31415++)write(
3,14),_3141592654[
"0123456789","314"
puts((*_3141592654=0
;_314="*3.141592");}

```

- Joaquim Gândara
 - Dal 2001 al 2007, su alt.ascii-art (newsgroup)
 - ASCII art strutturato
 - Nerd Boy, Mandy, Warez Dood, Hammerhead...

```

Oh woe is me! My          G1V3 M3 H3R NUMB3R, K1D. /
girlfriend left me!      / 1 C4N SORT 1T OUT. /__
                          *
                          '
                          ( ) , , ,
                          ||
                          | \
_____ | _____ , | < / _____ | ` - . _____ |

```

- Ovvero Leet
 - Cioè eleet, quindi elite: “linguaggio” esclusivo
 - Warez Dood parla Leet
- Regole (insomma) di tipo ortografico
 - Uso di termini dell’hacker jargon, ovviamente
 - Sostituzioni con omoglifi, E → 3, s → \$, t → +
 - Sostituzioni di lettere, k → x,
 - Arcaicismi dotti, -ed → 'd
 - Rafforzativi per raddoppio o per suffisso, e.g. -orz
 - Sostituzioni di gruppi di lettere, er → or, ck → X
- N470 fr4 g11 h4x0r, d1ff|_|\$0 d4114 r3+3

- Quando concisione è richiesta (prima degli SMS)
 - La conversazione più breve
 - Attribuita a Victor Hugo o a Oscar Wilde

- Scorciatoie di telegrafisti & c.
 - Comunicazioni di servizio
 - What are they doing down there?
 - WT TY DOIN DWN TR
 - Formule codificate
 - distinti saluti → 73
 - baci e abbracci → 88



□ Un refuso?

- News from Washington
- New York Times, 7 agosto 1862
- Discorso di Lincoln

THE PRESIDENT'S SPEECH.

FELLOW-CITIZENS: I believe there is no precedent for my appearing before you on this occasion, [applause] but it is also true that there is no precedent for your being here yourselves, (applause and laughter ;) and I offer, in justification of myself and of you, that, upon examination, I have found nothing in the Constitution against. [Renewed applause.] I, however, have an impression that there are younger gentlemen who will entertain you better, (voices—"No, no; none can do better than yourself. Go on!") and better address your understanding, than I will or could, and therefore, I propose but to detain you a moment longer. [Cries—"Go on! Tar and feather the rebels!"]

□ Emozioni a caratteri

- Puck,
rivista satirica
- n. 212, p. 65
30 marzo 1881
- Disegni,
non in linea
con il testo

TYPOGRAPHICAL ART.

We wish it to be distinctly understood that the letter-press department of this paper is not going to be trampled on by any tyrannical crowd of artists in existence. We mean to let the public see that we can lay out, in our own typographical line, all the cartoonists that ever walked. For fear of startling the public we will give only a small specimen of the artistic achievements within our grasp, by way of a first instalment. The following are from Studies in Passions and Emotions. No copyright.



Joy.



Melancholy.



Indifference.



Astonishment.

- Ambrose Bierce
 - S. Francisco Examiner, 25 settembre 1887; poi Daily Morning Astorian, 26 ottobre 1887
 - Vladimir Nabokov, New York Times, aprile 1969

The Snigger Point.

While reforming the language I beg leave to introduce an improvement to punctuation—the snigger point, or note of cachination. It is written thus ☺ and represents, as nearly as may be, a smiling mouth. It is to be appended, with every full stop, to every jocular or ironical sentence. or, without the stop, to every jocular or ironical clause of a sentence otherwise serious—thus: “Mr. Pickering is the noblest work of God ☺” “Our respected and esteemed ☺ contemporary, Mr. De Young, whom for his virtues we revere and for his success envy ☺, is going to the devil as fast as two heels can carry him.” “Deacon Fitch, a truly good man ☺, is self-made in the largest sense of the term; he was born great, wise and rich, but the deflection of his nose is the work of his own coat-sleeve.”—*S. F. Examiner.*

□ La genesi ufficiale

- In una discussione semiseria alla Carnegie-Mellon
- Fra il 17 e il 19 settembre 1982
- Recuperata nel 2002 dai backup del VAX
- C'entrerà che erano esperti di LISP?

```
19-Sep-82 11:44      Scott E  Fahlman          :-)  
From: Scott E  Fahlman <Fahlman at Cmu-20c>
```

```
I propose that the following character sequence for joke markers:
```

```
:-)
```

```
Read it sideways.  Actually, it is probably more economical to mark  
things that are NOT jokes, given current trends.  For this, use
```

```
:-(
```

- Variazioni e brevità Smile-like
:) :(:| :D ;) :o :P
- Elaborazioni sofisticate meno usate
- Giochi di parole
:Prrrrr :ooooh
- Enfasi per estensione o raddoppio
:DDDDD :D :D



- Nati sui telefoni mobili giapponesi
 - DoCoMo i-mode, modalità sempre connessa
 - Attiva dal 1999 e molto popolare
- Emoticon non sdraiati, concentrati sugli occhi

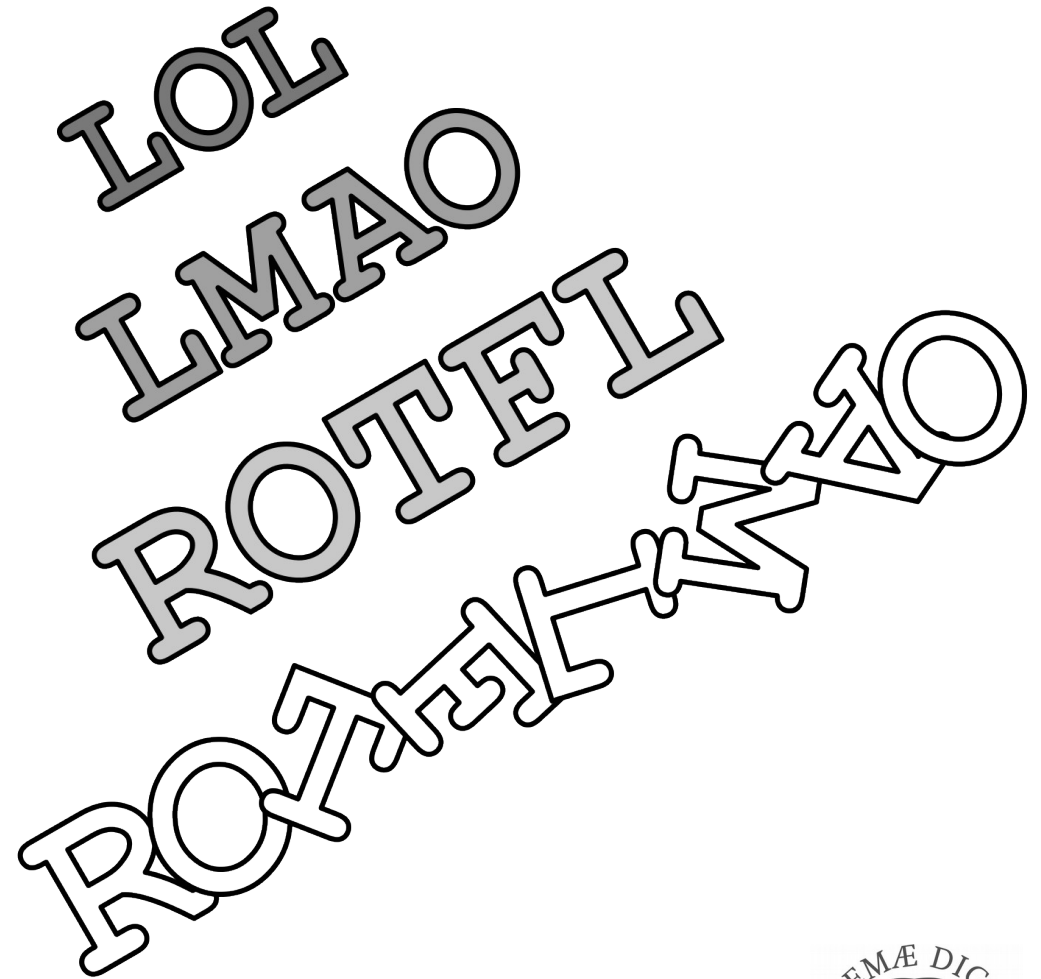
^_^ >_< ;_; @_@ m(_ _)m

- Da noi contaminati, es. enfasi per estensione

^ ^
——

- Da acronimi a parole
 - RAdio Detection And Ranging
 - Light Amplification by Stimulated Emission of Radiation
 - E poi OMG, SNAFU...

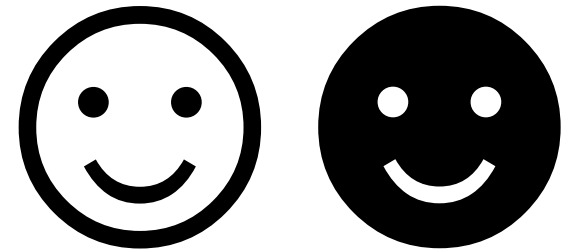
- Enfasi
 - LOOOL, LOLOLOL



- ASCII, 1963
 - American Standard Code for Information Interchange
 - 128 glifi

- Code Page 437, IBM PC, 1981
 - 256 glifi
 - Inclusi emoticon politically correct

- Dal 1992: Unicode, ISO/IEC 10646, UTF-8-16-32
 - 128172 glifi (267819, 1114112), Unicode 9.0 (2016.06)
 - U+263a e U+263b dal 1992



- M. Tavosanis, “Ferri, Nativi digitali”, Linguaggio e Scrittura (blog), 2013
- G.A. Cignoni, “Caratteri/Emozioni”, Stazione Leopolda, Internet Festival 2013
- G.A. Cignoni, “Emoticons...”, Pagina Q, 20 giugno 2014