

# Where do we start the story?

Last week we discussed the difficult task of defining graphic design. This presents an equally difficult task of figuring out where one begins the discussion of its history.



If we work within the first purpose of graphic design proposed by Hollis which is to identify we can start 200,000 years ago. The earliest known human markings reach back that far. The earliest known human made imagery is found in caves, starting from 35,000 BC.



The most famous of the caves is found in Lascaux, (las-COH) France. Pictured here and in the previous slide. While the purpose of these images are not definitively known it can be said it is an example of humans attempting to record the world around them.



1-5

We could start from when humans moved from an oral tradition towards a written one and made a monumentally important shift from simply transferring information to both transferring and storing information. Pictured here is an early Sumerian pictograph tablet c 3100 B.C. This is an example of early symbols and structures that were the seeds for the development of writing.

ΒΑΣΙΛΕΥΣ ΕΙΣ ΤΗΝ ΟΥΜΑΝΤΑ ΠΑΜΜΙΓΗ ΤΡΑΤΟΝ  
ΓΟΝΤ ΓΕΤΗ ΚΑΙ ΚΑΤΑ ΜΑΦΑΤΟ ΔΕ ΚΥΜΑΙΝΑΝΤΥ ΝΕΙΝ  
ΙΑ ΚΑΤΑ ΚΑΦΑΔΟ ΜΑΝΕ ΕΙΡΙΑΙΤΕΝΑ ΕΞΕΛΛΑΝ ΚΕΣΑΙΚΑ  
ΤΑ ΜΕΝ ΗΛΙΚΑ ΑΛΕΣΑΤΕΝ ΒΑΝΝΕΑΝ ΠΟΛΥ ΑΝΑΡΟΝ ΝΑ ΕΞΕ  
ΟΥ ΚΙΟ ΠΙΚΕ ΟΠΟΡΕΥΤΟΝ ΑΣΟΥΡΙ ΜΠΥΡΟΣ ΔΕ ΑΙΘΑΛΟΣ ΕΜΜΕΤΟΣ  
ΑΓΡΙΑΙΕ ΑΜΑΤΙΦΕΞΕΙΣ ΤΟΝ ΟΕΝΤΑ ΔΕ ΑΛΓΗ ΕΣΤΑ ΠΕΡΕΙΔΙ  
ΧΑΡΑΝ ΒΑΡΕΙΑΣ ΤΑΦΟΡΑ ΜΕΣ ΕΛΛΑΔΗ ΓΑΓΕΞΑΝΤΕ  
ΜΗ ΚΕΤΙ ΜΕΛΛΕΤΕ ΞΕΤΓΝΥΤΕ ΜΕΝΤΕ ΤΡΑΘΝΙ ΠΡΑΝ  
ΟΧΗΜΑ ΟΙ ΔΕ ΑΝΑΡΘΟ ΜΟΝΟ ΑΒΟΝ ΦΟΡΕΙΤΕ ΠΑΠΗΝΑ ΕΠΙ ΜΠΡΑΤΕ ΔΕ  
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ΤΡΟΠΑΙΑ ΕΤΗ ΕΑΜΕΝ ΟΙ ΔΙΟ ΕΑΓΝΟΤΑ ΤΑΝΤΕ ΜΕΝ ΟΙ ΠΑΙΑΝΑ ΕΚΕΛΑ  
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ΤΑΜΟΣ ΕΟΣ ΜΕΤΡΟΙ ΕΡΥΘΟΜΟΙΣ ΤΕ ΕΝ ΔΕ ΚΑΚΡΟΥ ΜΑΤΟΙΣ ΚΤΟΑΡΙ  
ΕΑΝΑΤΕΛΛΕΙΟ ΗΕ ΑΥΡΟΝ ΠΟΛΥ ΥΜΝΟΝ ΟΙΣ ΑΣ ΜΟΥΣΑΝ  
ΑΛΑΜΕ ΤΟ ΧΗΜΙΑΚΤΟΣ ΕΠΙΣΑΡΕΝΙ ΠΑΘΡΕΥΑ ΕΑ

We could start with the evolution of the greek alphabet. Pictured is a manuscript, 4th century B.C., in Greek on papyrus, a thick paper-like substrate make from the papyrus plant, This example of the greek alphabet shows the symmetrical form and even visual rhythm that helped establish it as the prototype for further developments into the roman alphabet.



Pictured is the Trajan's column, c A.D. 114. which is considered a masterful example of capitalis monumentalis or Roman Square Capitals.



Pictured is a detail from an inscription on a tomb along the Appian Way, Rome. This is an exceptionally narrow hop skip and jump from cave paintings to the Roman capitals. The development of written language has been varied and quite amazing.

“Typography is the craft of endowing human language with a durable visual form, and thus with an independent existence.”

— *Robert Bringhurst*

Our expression of language in written form is at the core of what we do as modern visual communicators.



# Typography & Printing

The pairing of an evolved written language with printing and then the printing press sets off a profound wave of change in how the world communicates that is not seen again until the invention of the telephone and then the proliferation of the internet. Pages 14–29 in your book cover almost 500 years. We are going to step a bit further back and then as we catch up to the period in the reading isolate the key people, technology and terminology associated with this period.

**ty · pog · ra · phy**

**n. pl. ty · pog · ra · phies**

1. a. The art and technique of printing with movable type.  
b. The composition of printed material from movable type.
2. The arrangement and appearance of printed matter.

[French typographie, from Medieval Latin typographia : Greek tupos, impression + Latin -graphia, -graphy (a writing or representation produced in a specified manner or by a specified process)]

The mechanical\* notation\*\* and  
arrangement of language.\*\*\*

I have heard it said that Typography is the only unique action that we as Graphic Designers hold in high regard and understanding. No other discipline scrutinizes typography to a similar degree as Graphic Designers.

Type and Typography by Phil Baines & Andrew Haslam

mechanical\*

referring to the science of machines and the precise automation of a task.

*typography is mechanical, repeatable*  
*writing is unique*

notation\*\*

graphic system of documenting a discipline  
through a symbolic code

*the code we primarily use is the western or  
latin alphabet*

language\*\*\*

both spoken and written codes: groups of sounds which in various combinations forms words with tacitly labeled objects or ideas; arrangements of words which signal complex meanings to groups familiar with the code



Printing was invented by the Chinese. The earliest wood block print fragments are dated around 220 A.D.

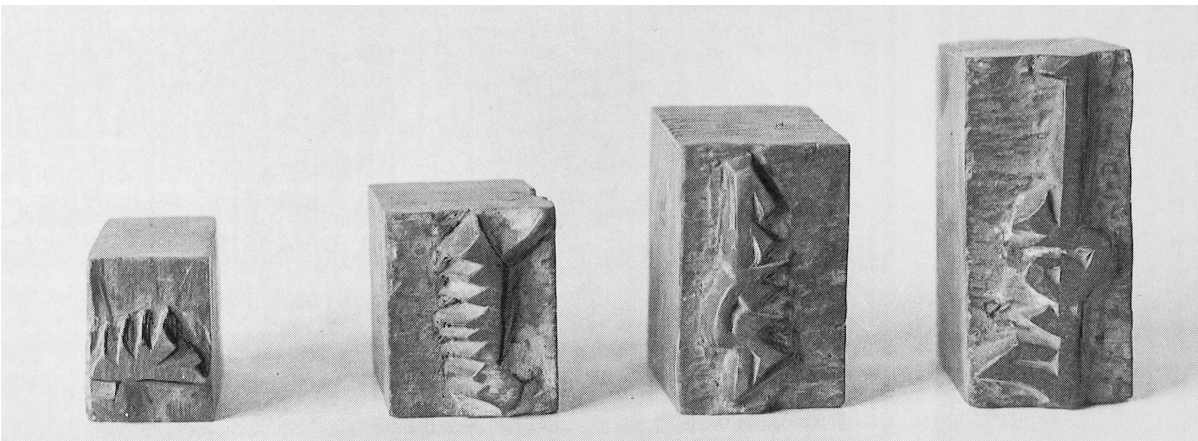
Chops, pictured here, were made by carving calligraphic characters into a flat surface of jade, silver, ivory etc. Around 500 A.D. Chops were made by carving the negative space around the characters so the character would be printed in ink surrounded by the white of the paper.

凡欲讀經先念淨口業真言遍  
 循唎 循唎 摩訶循唎 循唎 娑婆訶  
 奉請除災金剛 奉請辟毒金剛 奉請黃隨求金剛  
 奉請自淨水金剛 奉請赤聲金剛 奉請安除厄金剛  
 奉請紫賢金剛 奉請大神金剛  
 金剛般若波羅蜜經  
 如是我聞一時佛在舍衛國祇樹給孤獨園與大  
 比丘衆千二百五十人俱尔時世尊食時著衣持  
 鉢入舍衛大城乞食行其城中次第乞已還至本處

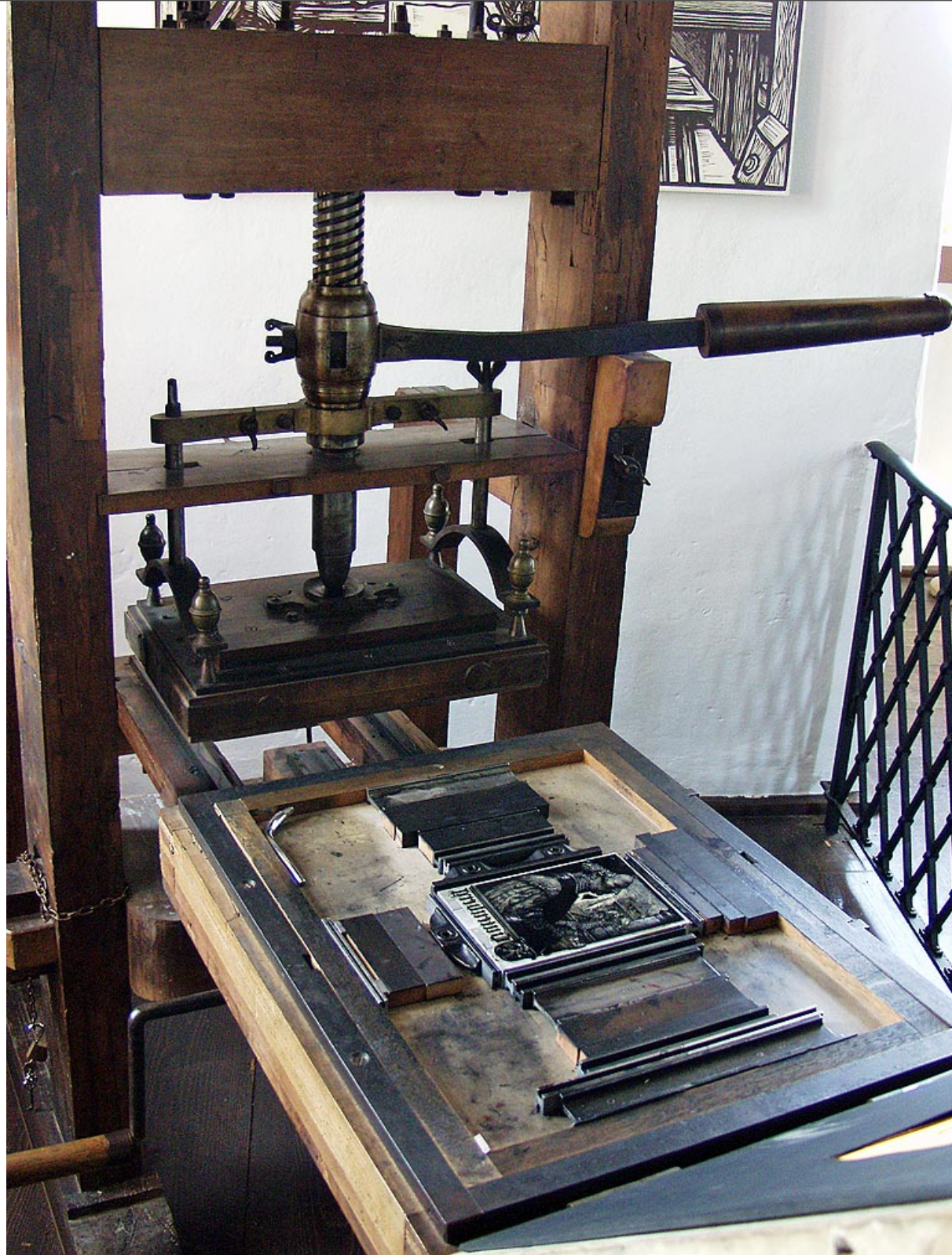


The earliest known complete survival of a dated printed book is the "Diamond Sutra", printed in China in 868 AD

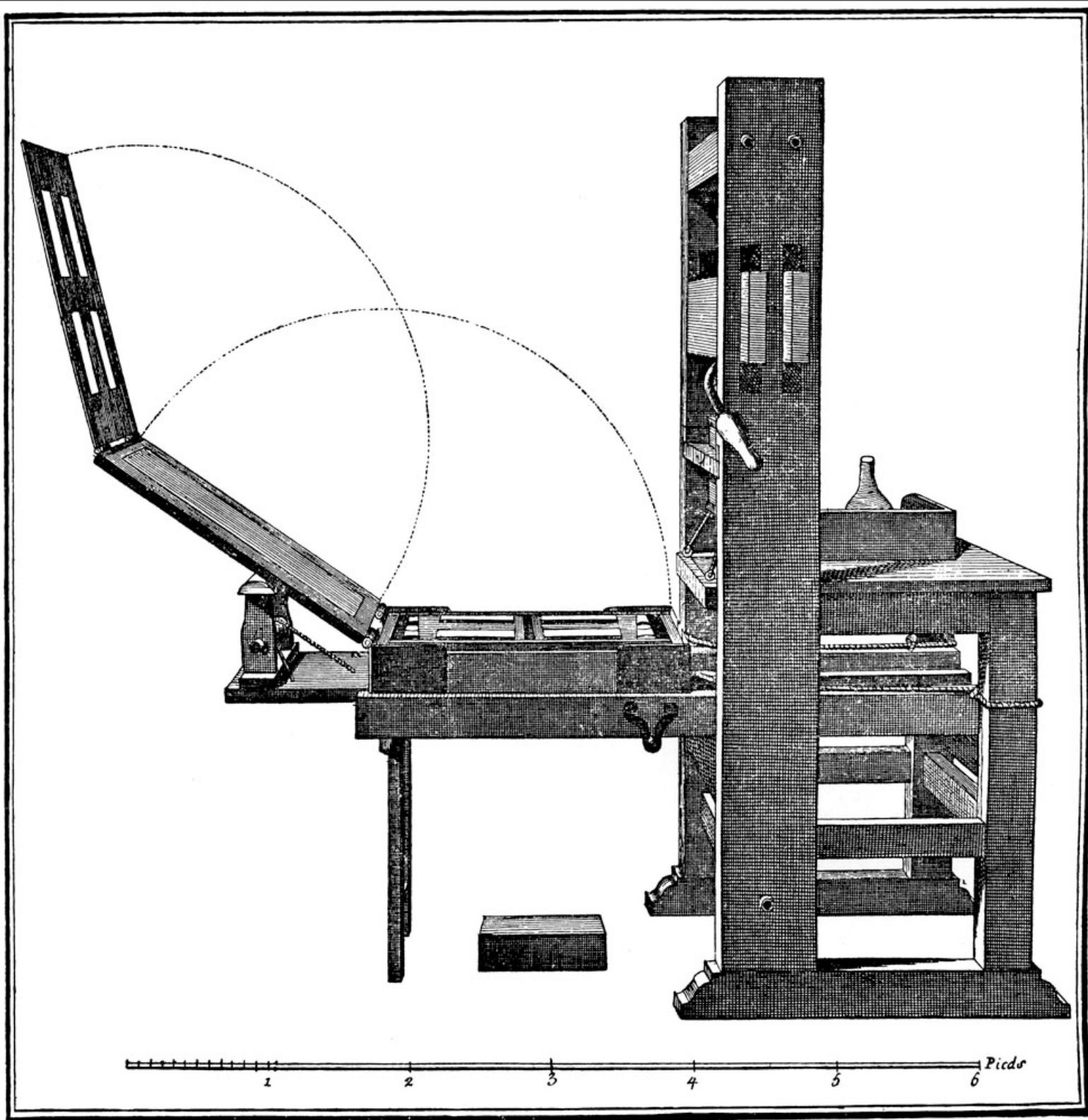




The use of movable type in printing was invented in 1041 AD by [Bi Sheng](#) in China. Sheng used clay type and adhered it to a board with wax. Korea sponsored the production of metal type, specifically brass was established by the Korean government in 1234 AD. Since there are thousands of Chinese characters (Koreans also used Chinese characters in literature), the benefit of the technique is not as clear as with [alphabetic](#) based languages which typically have less than 50 characters. Movable type was never extensively used in the east until the European style printing press was introduced in relatively recent times (thus bringing the technology full circle).



The name most associated with the invention of the printing press is Johann Gutenberg. He was able to bring together a number of existing technologies to be at the forefront of moving the publishing of books from the time intensive wood block and hand copying practices that had been the norm for centuries to a mechanical process that allowed production on a scale unheard of.



The key elements he brought together were the printing press,(a modified wine press) oil based inks and cast metal, lead, movable type.

**I**ncipit epistola beati Hieronimi presbyteri ad Paulinum presbyterum de omnibus diuine littere libris. Capitulū primum.

**H**atec ambrosius tua michi munuscula perferens. deculit siml et suauissimas litteras: que a principio amicitias fide probate iam fidel et veteris amicitie p̄ferebant. Vera enī illa necessitudo ē. et xp̄i gl̄iāno copulata: quā nō vilitas rei familiaris. non p̄sentia tantū corporis. nō subdola et palpas adulaō: sed dei timor. et diuinarū scripturarū studia conciliant. Legim⁹ in veterib⁹ historijs. quosdā lustrasse puincias. nouos adisse p̄tos. maria trāsisse: ut eos quos se libris nouerāt. coram n̄s viderent. Sic pitagoras memphiticus uares. sic plato egiptum. et architam tarentinū. tamq; orā yralie. que quondā magna grecia dicebat: laboriosissime peragrū: et ut qui athēnis m̄gr̄ erat. et potens. cuiusq; doctrinas achadēmie gignasia p̄sonabāt. fieret peregrinus atq; discipulus: maleus aliena uerecunde discere. n̄ sua impudenter ingere. Deniq; cum litteras quasi toto orbe fugientes persequitur. captus a piratis et uerūdacus. oratio crudelissimo paruit. ductus captiuis uind⁹ et secuis: tamen quia philosophus: maior emente se fuit. ad r̄cumlinū. ladeo eloquentie fonte manantem. de ultimis hispanie galliarū q; finibus quosdam uenisse nobiles legimus: et quos ad cōtemplationem sui roma non traxerat: unius hominis fama perduxit. Habuit illa etas inaudiam omnibus seculis. celebrādamq; miraculum: ut urbem rāram

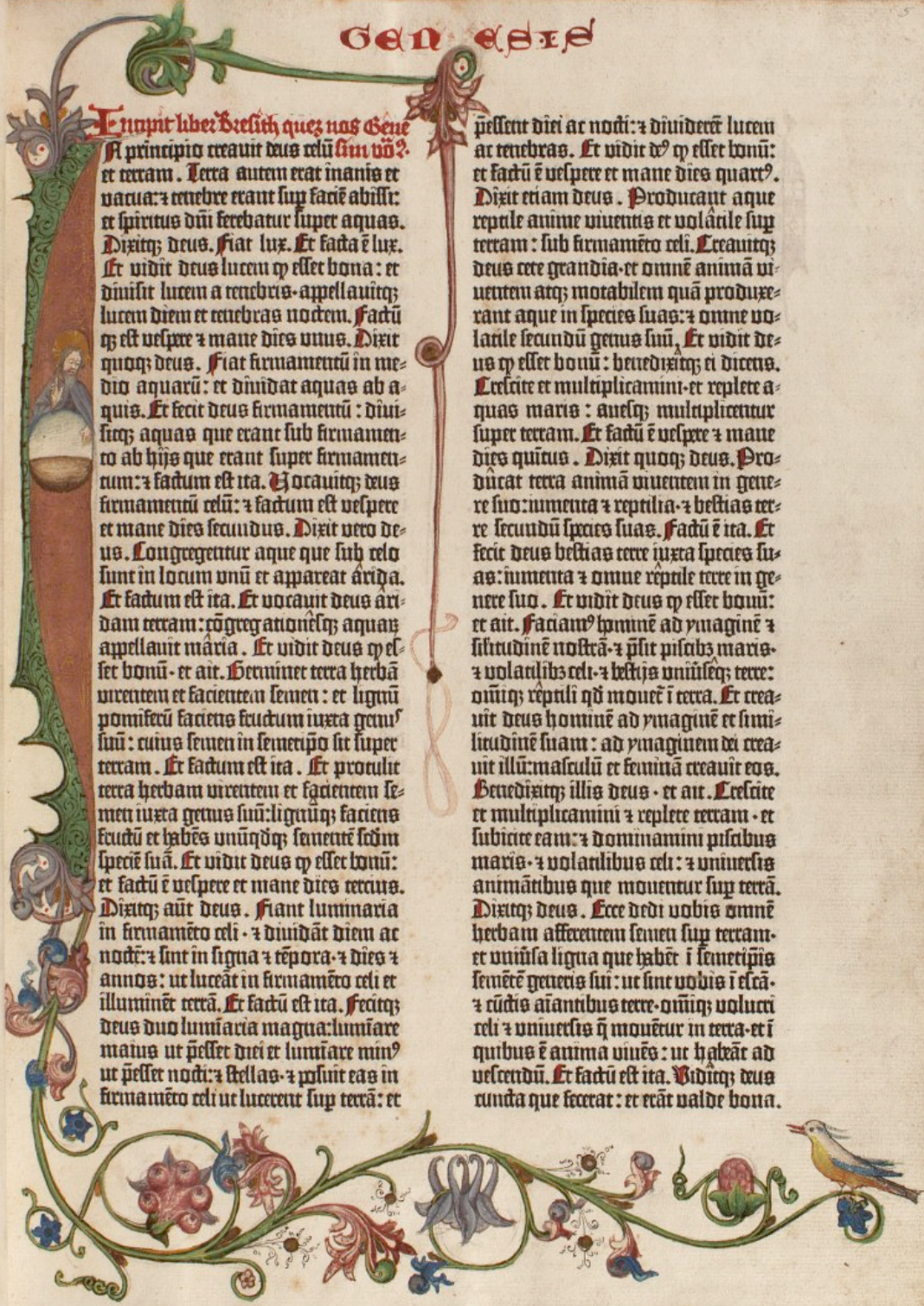
ingressi: aliud eeta urbem querecent. Apollon⁹ siue ille mag⁹ ut vulgus loquitur. siue plus ut pitagorici tradunt. iteant plas. p̄trāsuit radicalū. albānos. scythas. mallāgeras. opulentissima indie regna p̄trecrauit: et ad egecunū lacillimo phylōn amne trāsmissio p̄uenit ad bragmanas: ut hyaxam in throno sedentē aureo. et de tantali fonte potantem. inter paucos discipulos. de natura. de morib⁹ ac de cursu diecū et siderū audiret doctentem. **Q**uidē p̄ elamitas. babilonios. chaldēos. uēdos. assirios. parthos. syros. phēnices. arabes. palestinos. reuelus ad alexandriā. p̄trecit ad ethiopian: ut gignosophistas et famosissimam solis mensam uideret i tabulo. Inuenit ille uir ubiq; quod disceret: et semp̄ proficiens. semper se melior fieret. Scripsit super hoc plenissime octo voluminibus: phylōtactus. **II**  
**Q**uid loquar de seculi hominib⁹: cum apostolus paulus. uas electionis. et magister gentium. qui de conscientia tanti in se hospitis loquebatur. dicens. An experimentum queritis eius qui in me loquitur cistis. post damasum arabiq; lustratam. ascendit iherosolimā ut uideret petrū et ināserit apud eum diebus quindecim. **H**oc enim misterio ebdōmadis et ogdōadis: futur⁹ gentium predicator instruendus erat. **R**ursumq; post annos quatuordecim assumpto bartaba et tyro. repositus cum apostolis euangelium: ne forte i vacuum curretet aut cucurisset. **H**abet nescio quid latentis energie uine uocis adus: et in aures discipuli de auctoris ore mansusa: forte sonat. **U**nde et elchipes cū rodi regularet. et legeret illa demosthenis.

In 1455 in Mainz Germany, Gutenberg published a two volume bible. The production took over two years for a run of probably less than 200.


**Incipit liber Genesis que nos Gene**

**si principio creauit deus celum et terram. Terra autem erat inanis et vacua: et tenebre erant super faciem abyssi: et spiritus domini ferebatur super aquas. Dixitque deus. Fiat lux. Et facta est lux. Et vidit deus lucem quod esset bona: et dimisit lucem a tenebris. appellauitque lucem diem et tenebras noctem. factumque est vespere et mane dies unus. Dixit quoque deus. Fiat firmamentum in medio aquarum: et diuidat aquas ab aquis. Et fecit deus firmamentum: diuisitque aquas que erant sub firmamento ab hijs que erant super firmamentum: et factum est ita. Vocauitque deus firmamentum celum: et factum est vespere et mane dies secundus. Dixit vero deus. Congregentur aque que sub celo sunt in locum unum et appareat arida. Et factum est ita. Et vocauit deus aridam terram: congregationemque aquarum appellauit maria. Et vidit deus quod esset bonum. et ait. Germinet terra herbam viuentem et facientem semen: et lignum pomiferum faciens secundum iuxta genus suum: cuius semen in semetipso sit super terram. Et factum est ita. Et protulit terra herbam viuentem et facientem semen iuxta genus suum: lignumque faciens secundum speciem suam. Et vidit deus quod esset bonum: et factum est vespere et mane dies tertius. Dixitque autem deus. Fiant luminaria in firmamento celi: et diuidat diem ac noctem: et sint in signa et tempora: et dies et annos: ut luceat in firmamento celi et illuminet terram. Et factum est ita. fecitque deus duo luminaria magna: luminare maius ut pelleret diem et luminare minus ut pelleret noctem: et posuit eas in firmamento celi ut luceant super terram: et**

pellet diem ac noctem: et diuideret lucem ac tenebras. Et vidit deus quod esset bonum: et factum est vespere et mane dies quartus. Dixit etiam deus. Producant aque reptile anime viuentis et volatile super terram: sub firmamento celi. Creauitque deus cete grandia. et omnem animam viuentem atque motabilem quam produxerant aque in species suas: et omne volatile secundum genus suum. Et vidit deus quod esset bonum: benedixitque ei dicens. Crescite et multiplicamini. et replete aquas maris: auelque multiplicentur super terram. Et factum est vespere et mane dies quintus. Dixit quoque deus. Producat terra animam viuentem in genere suo: iumenta et reptilia. et bestias terre secundum species suas. factum est ita. Et fecit deus bestias terre iuxta species suas: iumenta et omne reptile terre in genere suo. Et vidit deus quod esset bonum: et ait. faciamus hominem ad ymaginem et similitudinem nostram: et pascet piscibus maris: et volatilibus celi. et bestijs uniuersis terre: omnique reptili quod mouetur in terra. Et creauit deus hominem ad ymaginem et similitudinem suam: ad ymaginem dei creauit illum: masculum et feminam creauit eos. Benedixitque illis deus. et ait. Crescite et multiplicamini et replete terram. et subicite eam: et dominamini piscibus maris. et volatilibus celi: et uniuersis animantibus que mouentur super terram. Dixitque deus. Ecce dedi vobis omnem herbam afferentem semen super terram. et uniuersa ligna que habent in semetipsis seminem generis sui: ut sint vobis in escam: et cunctis animalibus terre. omnique volucri celi et uniuersis quae mouentur in terra. et in quibus est anima viuens: ut habeant ad vescendum. Et factum est ita. Viditque deus cuncta que fecerat: et erat valde bona.



The extended production time was due to the hand drawn illustrations and rubrication. The process by which sections of the text were highlighted or added by hand. The goal was to compete with the very valuable hand copied texts that were the norm. So right from the outset mechanical printing had to match or exceed the established high standard. Printing spread rapidly throughout Europe. There were 1000 printers in Germany by 1500.



lucem diem et tenebras noctem. **F**actū  
q; est vespere ⁊ mane dies unus. **D**ixit  
quoq; deus. **F**iat firmamentū in me-  
dio aquarū: et diuidat aquas ab a-  
quis. **E**t fecit deus firmamentū: diui-  
sitq; aquas que erant sub firmamen-  
to ab hijs que erant super firmamen-  
tum: ⁊ factum est ita. **V**ocauitq; deus  
firmamentū celū: ⁊ factum est vespere  
et mane dies secundus. **D**ixit vero de-  
us. **C**ongregentur aque que sub celo  
sunt in locum unū et appareat arida.  
**E**t factum est ita. **E**t vocauit deus ari-  
dam terram: cōgregationēq; aquarū  
appellauit maria. **E**t vidit deus qd  
esset bonū. et ait. **G**erminet terra herbā  
virentem et facientem sementi: et lignū  
pomiferū faciens fructum iuxta genus  
suū: cuius sementi in semetipō sit super  
terram. **E**t factum est ita. **E**t protulit  
terra herbam virentem et facientem se-  
menti iuxta genus suū: lignūq; faciens  
fructū et habēs unūq; sementē scdm  
speciē suā. **E**t vidit deus qd esset bonū:  
et factū ē vespere et mane dies tertius.  
**D**ixitq; aut deus. **F**iant luminaria  
in firmamēto celi. ⁊ diuidāt diem ac  
noctē: ⁊ sint in signa ⁊ tēpora. ⁊ dies ⁊  
annos: ut luceāt in firmamēto celi et  
illuminēt terrā. **E**t factū est ita. **F**ecitq;  
deus duo lumīaria magna: lumīare

rant aque in species suas: ⁊ omne vo-  
latile secundū genus suū. **E**t vidit de-  
us qd esset bonū: benedixitq; ei dicens.  
**C**rescite et multiplicamini. et replete a-  
guas maris: auesq; multiplicentur  
super terram. **E**t factū ē vespere ⁊ mane  
dies quīctus. **D**ixit quoq; deus. **P**ro-  
ducāt terra animā viuētem in gene-  
re suo: iumenta ⁊ reptilia. ⁊ bestias ter-  
re secundū species suas. **F**actū ē ita. **E**t  
fecit deus bestias terre iuxta species su-  
as: iumenta ⁊ omne reptile terre in ge-  
nere suo. **E**t vidit deus qd esset bonū:  
et ait. **F**aciam⁹ hominē ad ymaginē ⁊  
similitudinē nostrā. ⁊ p̄sit piscibz maris.  
⁊ volatilibz celi. ⁊ bestijs unūq; terre:  
om̄iq; reptili qd mouet̄ ī terra. **E**t crea-  
uit deus hominē ad ymaginē et simi-  
litudinē suam: ad ymaginem dei crea-  
uit illū: masculū et feminā creauit eos.  
**B**enedixitq; illis deus. et ait. **C**rescite  
et multiplicamini ⁊ replete terram. et  
subicite eam: ⁊ dominamini piscibus  
maris. ⁊ volatilibz celi: ⁊ uniuersis  
animātibz que mouentur sup terrā.  
**D**ixitq; deus. **E**cce dedi vobis omnē  
herbam afferentem sementi sup terram.  
et unūsa ligna que habēt ī semetip̄is  
sementē generis sui: ut sint vobis ī escā.  
⁊ cūctis aīantibus terre. om̄iq; volucri  
celi ⁊ uniuersis q̄ mouētur in terra. et ī

Trying to emulate the existing hand copied works that were the norm Gutenberg's Bible was set in a gothic script called Textura.

**Blackletter**

Textura is an example of Blackletter which it mimics the calligraphic writing of medieval scribes.

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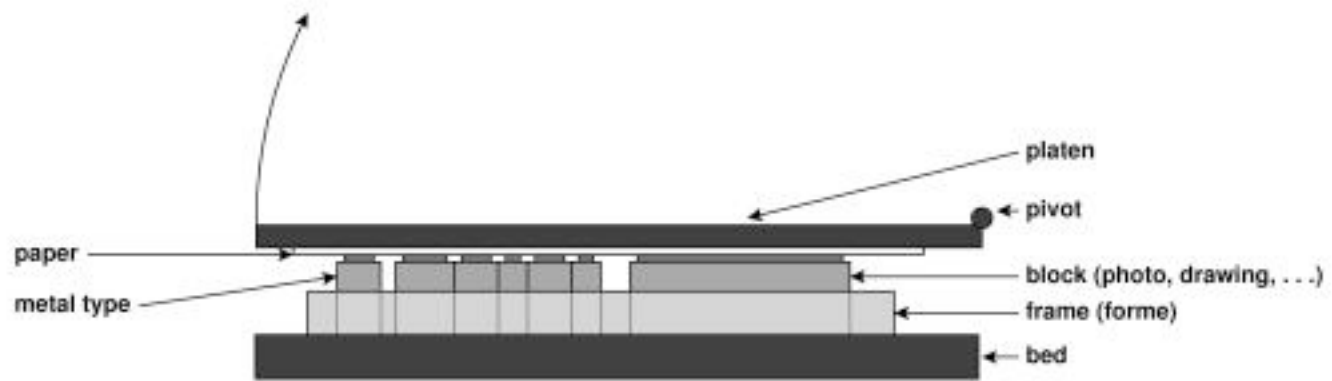


**Blackletter**

Textura is an example of Blackletter meaning it mimics the calligraphic writing of medieval scribes.



In 1457 the business men who seized Gutenberg's workshop when he defaulted on his loans printed the Mainz Psalter. It was an important development that combines woodcut illustrations with movable type. The basis of what will be centuries of letter press printing.



Type High



EL SEQVENTE triúpho nõ meno mirauiglioso d'l primo. Impo  
 che egli hauea le q̄tro uolubile rote tutte, & gli radii, & il meditullo defu  
 sco achate, di cãdide uẽule uagamẽte uaricato. Ne tale certamte gesto e re  
 Pyrrho cũ le noue Muse & Apolline i medio pulsãte dalla natura i p̄sso.  
 Laxide & la forma del dicto q̄le el primo, ma le tabelle erão di cyaneo  
 Saphyro orientale, atomato de scintillule doro, alla magica gratissimo,  
 & longo acceptissimo a cupidine nella sinistra mano.

Nella tabella dextra mirai exscalpto una insigne Matrõa che  
 dui oui hauea parturito, in uno cubile regio colloca  
 ta, di uno mirabile pallacio, Cum obstetrice stu  
 pefacte, & multe altre matrone & astante  
 Nymphc Degli quali uscua de  
 uno una flammula, & delal  
 tro ouo due spectatissi  
 me stelle.

\* \*  
 \*

in the 1460's a competing type style emerged from mechanical printing in Venice. The development of roman type is connected to the Renaissance via its embracing of classical culture from Greece and Rome. The example pictured is by Aldus Manutius.

Nos patriæ fines, et dulcia linqui-  
mus arua,

Nos patriam fugimus, tu Tityre lentus in umbra

Formosam resonare doces Amaryllida sylvas.

O Melibœe, deus nobis hæc oia fecit.

Ti.

Nanq; erit ille mihi semper deus, illius aram

Sæpe tener nostris ab ouilibus imbuet agnus.

Ille meas errare boues, ut cernis, et ipsum

Ludere, quæ uellem, calamo permisit agresti.

Non equidem inuideo, miror magis, undiq; totis

Me.

Usque adeo turbatur agris. en ipse capellas

Protinus æger ago, hanc etiam uix Tityre duco.

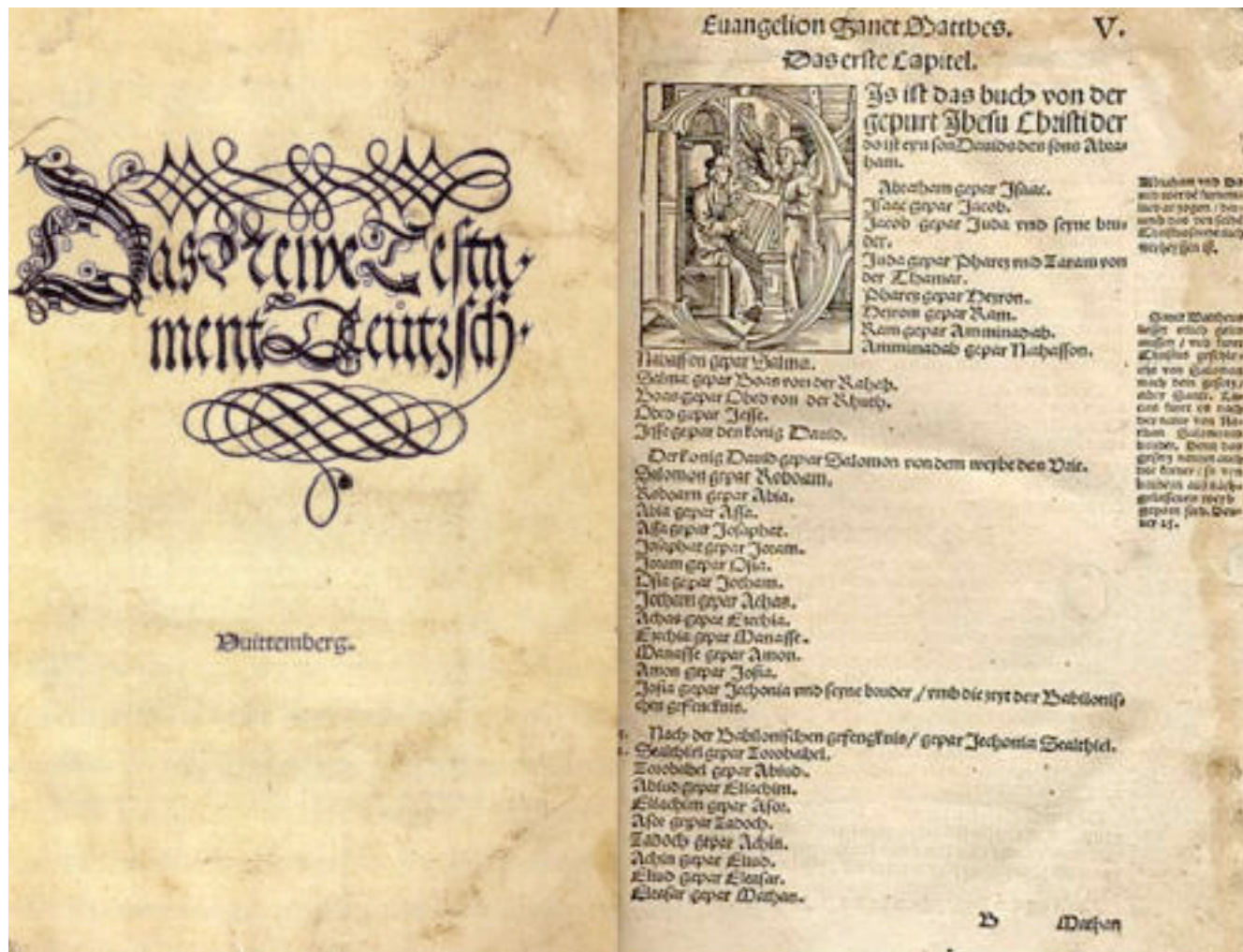
Hic inter densas corylos modo nanq; gemellos,

Spem gregis absilice in nuda connixa reliquit.

Sæpe malum hoc nobis, si mens non leua fuisset,

De cœlo tactas memini prædicere quercus.

Aldus Manutius is credited with publishing the first work in roman italic type in 1500. He also produced a number of new Roman type forms. Before we head off on the relatively rapid fire evolution of type design there is an important cultural separation involving the use of blackletter and roman forms.



The blackletter faces Schwabacher (1480) and Fraktur (1514) came to be associated with Germany's national identity. In 1522 with roman faces being widely used Martin Luther's New Testament was printed in Schwabacher. With Luther's rejection of the authority of both the Roman Church and the Pope and the subsequent establishment of Protestantism it seems the rejection of roman type is another layer of symbolism. This association of blackletter to German national identity will rise again as we discuss later periods.

# Typography

Before we race from roughly year 1500 to 1900 I thought it would be best to cover some of the terminology surrounding type and typography. Knowing the terminology provides a means for communication when discussing type.

# character

The basic typographic element is called a **character**, which is any individual letter, numeral, or punctuation mark. Numbers are called numerals or figures. There are two main types of numerals, Old Style or Lining Figures (also called Modern).



# character

Learning the anatomy of the characters informs the eye of the underlying structure of the varied designs and reveals the differences between them.

Н

И

# font

A complete set of characters in one design, size, and style.

In traditional metal type, a font meant a particular size and style; in digital typography the term font has been expanded to include multiple sizes and even altered styles of a typeface design.

# typeface

The design of alphabetical and numerical characters unified by consistent visual properties.

# type family

The complete range of variations of a typeface design, including roman, italic, bold, expanded, condensed, and alternate versions.

# baseline

The imaginary line defining the visual base of letterforms.



# meanline / median

The imaginary line defining the x-height of letterforms.



# capline

Imaginary horizontal line defined by the height of the capital letters.





# cap height

Height of the capital letters, measured from the baseline to the capline.



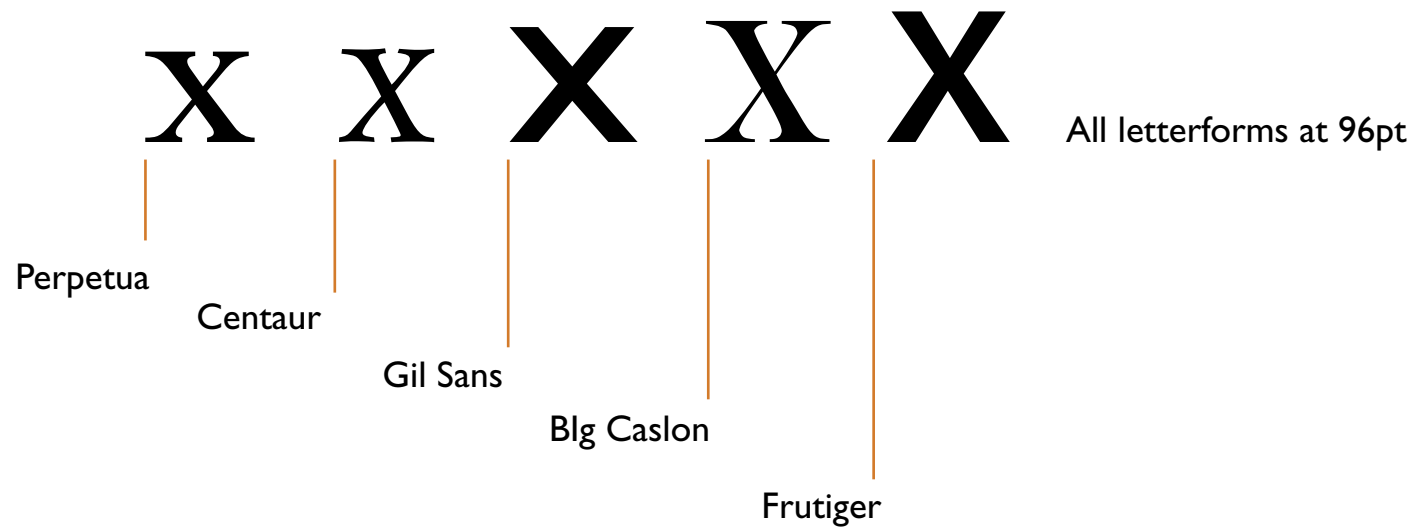
# x-height

The height of lowercase letters, excluding ascenders and descenders.



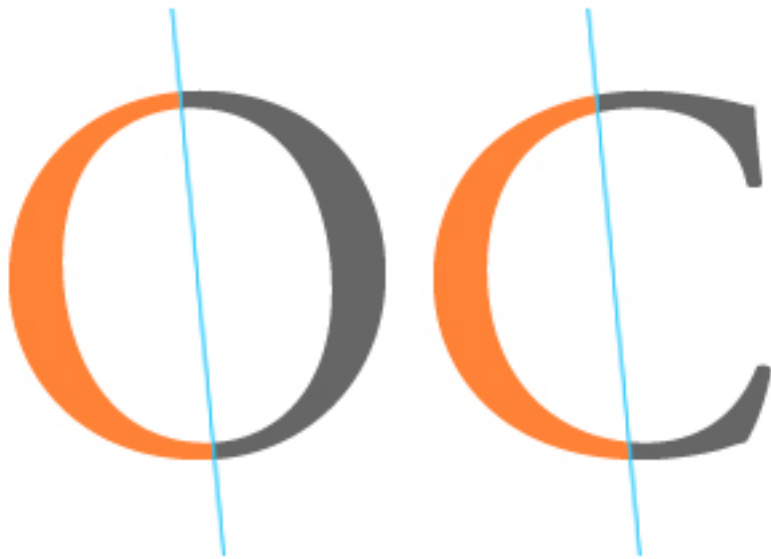
# x-height

This is most easily measured on the lowercase x.



# stress

The direction in which a curved stroke changes weight.  
The orientation of the letterform, indicated by the thin  
stroke in round forms.



# stroke

Any line that defines the basic letterform. A straight or curved line. Term has its roots in the scribal pen.



# stem

The significant vertical or oblique stroke.



# ascender

The portion of the stem of a lowercase letterform that projects above the median, or x-height.



# descender

That portion of the stem of a lowercase letter that projects below the baseline.





# serif

Projections extending off of the ends of the main stroke on characters in a serif typeface.



# bracket

The transition between the serif and the stem.



# serif

Serifs are usually bracketed or unbracketed. Brackets give the transition between strokes and serifs a softer look where unbracketed serifs connect to the letter sharply, usually at a 90° angle.

# counter

The negative space within a letterform, either fully or partially enclosed.



ed

The image shows the lowercase letters 'e' and 'd' in a dark grey serif font. The counter spaces—the negative space within the letterforms—are highlighted in a bright orange color. In the 'e', the orange fills the bowl and the top curve. In the 'd', the orange fills the bowl and the stem.

“The quality of typography is dependent on the relationship between the printed and unprinted parts. It is a sign of professional immaturity to ignore the decisive contribution of the unprinted area.”

– Emil Ruder

# roman

The basic letterform style, so called because it was derived from the Roman writing and inscriptions on Roman monuments.

In some typefaces, a slightly lighter stroke than roman is called 'book', 'regular', or 'medium'.

# italic / oblique

Contemporary typefaces often blur the distinction between italic and oblique, but you should be aware of the differences.

Oblique is a slanted version of a roman face while italics were derived from handwriting and were designed potentially to work with a roman face or independently.

# boldface

Characterized by a thicker stroke than the roman form.

Depending upon the relative stroke widths within typefaces, it can also be called 'semibold', 'black', 'extra bold', or 'super'.

In some typefaces the boldest rendition of the typeface is referred to as 'poster'.



light

A lighter stroke than the roman form. Even lighter strokes are often called 'thin'.

# condensed

As the name suggests, a condensed version of the roman form.  
Extremely condensed styles are often called 'compressed'.

# expanded

Exactly what you would think. An extended variation of the roman form.

There are many more weights and styles that are found in type families. Reference your book for further info.

Semibold

Semibold Italic

Expert

Old Style Figures

Ornaments

Poster

Black

Ultra Condensed

Book

Thin

In-line

Small Caps

# classifications

An inexhaustible variety of type styles is available for use today, and many attempts to classify these into logical groupings have fallen short due to the overlapping traits of typefaces.

# classifications

A flawless classification system does not exist; however, a general system based on the historical development of typeface is used widely. This delineation breaks down typefaces into the following groups.

# old style

Old style characteristics:

- Medium stroke contrast
- Slanted stress
- Oblique bracketed serifs
- Medium overall weight

Caslon

Garamond

Sabon

# transitional

Transitional characteristics:

- Medium to high stroke contrast
- Nearly vertical stress
- Sharp, bracketed serifs
- Slightly slanted serifs

Baskerville  
Stone Serif



# modern

Modern characteristics:

- High stroke contrast
- Vertical stress
- Thin serifs
- Serifs sometimes unbracketed

Didot

Bodoni

# slab serif (Egyptian)

Slab serif characteristics:

- Little stroke contrast
- Little or no stress
- Thick, square serifs
- Large x-height

Lubalin Graph  
Serifa

# sans serif

Sans serif characteristics:

- Some stroke contrast
- Nearly vertical stress
- Squarish, curved strokes
- Lower-case g has open tail

Rotis Sans Serif

Akzidenz Grotesk

Gil Sans

# sans serif

Sans serif characteristics:

- Sans serif typefaces can be humanist, transitional or geometric
- Also called gothic or grotesk

Avante Garde  
geometric sans

Optima  
humanist sans

Univers  
transitional sans