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On the origin of patterning in movable Latin type : Renaissance standardisation, systematisation, and unitisation of textura and roman type

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CURRICULUM VITÆ

Frank Eduard Blokland (Leiden, 1959) studied Graphic and Typographic design at the Royal Academy of Art in The Hague (KABK) from 1978 until 1983. As student he founded the working group Letters].

During the 1980s, Blokland designed the lettering of a number of monuments, amongst which the Homomonument near the Westerkerk in Amsterdam, and the Bulthuismonument for the Dutch post (PTT) in Bergum. He also designed the lettering for a couple of monuments, which the sculptor Frans de Wit made for the city of Leiden, such as the memorial plaque for the seventeenth-century professor of jurisprudence Gerard Noodt, the plaque for the Hooglandse kerk, and the plaque for the former Jewish Orphanage. From 2004 till 2011 Blokland designed the lettering of the newly restored stained glass windows of the choir of the Pieterskerk in Leiden.⁴⁹⁰

Blokland wrote the book for the television course *Kalligrafie, de kunst van het schoonschrijven* ('Calligraphy, the art of beautiful handwriting') in 1989/1990.⁴⁹¹ April 2013 Blokland designed the calligraphic lettering of H.M. Queen Beatrix's Abdication Act. The letters on the act, in Humanistic minuscule and italic hands – with all their contextual letter-variants – were written by Blokland and transferred by himself into two digital fonts: Abdicatie Regular and Abdicatie Italic using the DTL FontMaster tools. The text was subsequently silkscreened on parchment.

Since the 1980s he has written some 150 articles on type design and font production for various graphic and design magazines, like *Compres, Pers, PrintBuyer, Hamburger Satzspiegel*, and *Page*.

After years of preparation, in 1990 Blokland founded the Dutch Type Library (DTL), the first and nowadays largest producer and publisher of digital typefaces in the Netherlands.⁴⁹² Blokland has designed typefaces such as DTL Documenta, DTL Documenta Sans, DTL Haarlemmer (on the basis of drawings by Jan van Krimpen), DTL Haarlemmer Sans, DTL Romulus (also based on drawings by Van Krimpen) and DTL VandenKeere. His typefaces are nationally and internationally renowned for their quality. In the Low Countries DTL Documenta was for instance for more than a decade the corporate identity type of the city of Amsterdam and of the Rijksmuseum. DTL Documenta has been applied in

⁴⁹⁰ <<http://www.youtube.com/watch?v=6QDZniK-v4U>>

⁴⁹¹ 16,000 copies went over the counter.

⁴⁹² <<http://www.dtl.nl>>

Gotteslob, the new prayer and songbook of the Catholic church in Germany and Austria, which was published early 2014. The production of the 3.6 million copies (1,300 pages each) required eight tons of red ink and roughly 3,000 tons of light-weight paper (40 grams). End of 2016 the new *Luther Bibel* for the Evangelische Kirche in Germany, which is typeset in DTL Documenta (in combination with DTL Caspari), will be released. DTL Haarlemmer was for a long time the corporate-identity type of Museum Boijmans Van Beuningen in Rotterdam and of Teylers Museum in Haarlem. DTL Haarlemmer is in use for the street signs in city of Haarlem since 2010. DTL VandenKeere is the corporate-identity typeface of the city of Antwerp and the Museum Plantin-Moretus. Blokland was also responsible for the production of all typefaces released by the Dutch Type Library and he actively contributed to the character sets of each one of these.

A couple of years after founding the Dutch Type Library, Blokland initiated and supervised the development of DTL FontMaster, a set of batch-oriented utilities for professional font production, jointly developed by the Dutch Type Library and the German based company URW++ Design & Development.⁴⁹³ Together with Dr. Jürgen Willrodt, Blokland wrote the manual for the DTL FontMaster utilities.

In 2003 he initiated the ‘Dr. Peter Karow Award for Font Technology & Digital Typography’, an award that is presented every five years to people who made a special and innovative contribution to the development of font related technology and digital typography. Blokland organized a couple of conferences on font technology at Castle Maurick in Vught and one at the Steigenberger Kurhaus Hotel in Scheveningen.

When Gerrit Noordzij retired in 1987 from the Royal Academy of Art in The Hague, Blokland was the first of the younger generation to succeed him. As Senior Lecturer he now teaches writing, letter-drawing and type design/font production at the graduate and post-graduate courses of the Graphic Design department.

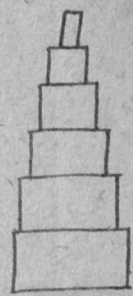
In 1995 Blokland was invited to become professor at the Plantin Society in Antwerp. He has lectured as a guest professor at institutes like the Technical University of Delft, the University of Reading and Lahti Polytechnic University and he was speaker at several events, including editions of the ATypI Conference and its sibling the TypeTech Forum.

⁴⁹³ <<http://www.fonttools.org>>

Registre pour 3. fourmes bonnes de la Descendiane
flamende pour Christoffle Plantin. 263

a	3 3 0 0
b	1 3 2 7
c	2 6 5 2
d	3 9 0 0
e	1 2 8 9
f	1 0 1 1
g	1 6 2 9
h	3 2 0 0
i	4 8 3 0
k	1 4 0 2
l	2 5 1 8
m	2 1 6 6
n	5 1 1 2
o	3 1 2 1
p	1 1 4 1
q	4 8 0
r	3 8 4 4
s	1 1 8 5
t	1 8 1 1
u	1 3 4 3
v	4 2 0 2
w	1 1 7 2
x	2 2 1 4
y	1 1 7 5
z	9 8 0
aa	1 5 5 0
ab	6 4 5

ā	1 9 4
ē	8 7 6
ī	1 5 0
ō	2 1 1
ū	1 2 1
ñ	7 8 7
st	6 5 0
ff	1 7 1
ff	1 3 0
y	8 6 0
j	2 5 7
δ	1 3 0
δ	1 1 9
·	2 1 5 0
:	2 9 0
/	2 3 3 0
=	1 0 0 7
?	5 4 2
(	1 5 0
g	0 0 0
1	2 8 7
2	2 2 5
3	1 8 8
4	2 0 0
5	1 9 0
6	1 2 9
7	1 4 3
8	1 1 3
9	1 2 7
0	1 1 3
fl	6 6
fl	6 5



1 0 1 0
8 8 9
6 4 5
4 2 3
4 4 0
4 2 4

Espaces d'unes
2 4 6 8.

Espaces d'unes
1 2 4 0 0.

1 8 6 9 9.

Somma sommari.
1 0 6 1 6 3.

Lesquelles montent a
huit patacs et mille
42. flo. 9. patacs
Et pise en font 343 fl.
poids d'unes qui mètre
a 2. patacs $\frac{1}{4}$. la libbre
vint la larrage a 38.
flores 11. pa. $\frac{1}{4}$. Et
pour les Corbilles
Cordes et manulatures
10. patacs/vint d'unes

81. fl. 10. pa. $\frac{1}{4}$.

A	1 9 4
B	1 8 0
C	2 7 3
D	3 1 5
E	3 3 4
F	2 7 1
G	2 1 7
H	2 5 5
I	3 3 9
K	2 2 0
L	2 8 3
M	3 5 3
N	2 9 6
O	2 9 8
P	1 5 0
Q	1 7 5
R	2 1 0
S	2 0 3
T	2 3 2
V	4 9 8
W	1 5 2
X	3 5
Y	4 0
Z	7 0

6 Dec 1570 see p 214 M.P.

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I would also like to thank Prof. Emeritus Charles Bigelow (formerly Rochester Institute of Technology) for his comments on my research and for openly supporting my investigations from the start. Furthermore, I am indebted to Dr. Jürgen Willrodt and Axel Stoltenberg for the ongoing development of the LetterModeller application. Also I would like to thank Dave Crossland and Øyvind Kolås for their contributions to the development of the analysing and spacing tool based on my theories and measurements, named Kernagic, and Lukas Schneider for the related –and also still ongoing– joint development of the Python-based LS Cadencer and LS Cadenculator tools. Finally I would like to thank Nicolas Portnoï for the use of his photographs and Sophie Boisvert-Hearn for her copy editing.

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