

Zapfino with XeTeX

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1 Introduction

Zapfino, designed by Hermann Zapf¹, is one of the most beautiful handwritten font and has abundant and elegant ligatures and stylistic alternates.

This document demonstrates some of the OpenType feature tags (such as `1num` for lining figures and `onum` for oldstyle figures) of this font using XeTeX. The test conditions are shown below:

- OS: MS Windows XP Professional
- T_EX Distribution: KTUG Collection 2006 (KC2006)
- Font: Zapfino Extra LT Pro (OpenType)

2 Basic Features

2.1 Lining and OldStyle Figures

- *The five boxing wizards jump quickly.* 0123456789 (`+1num`)
- *The five boxing wizards jump quickly.* 0123456789 (`+onum`)

2.2 SmallCaps

- *THE FIVE BOXING WIZARDS JUMP QUICKLY.* 0123456789 (`+smcp`)
- *the five boxing wizards jump quickly.* 0123456789 (`+c2sc`) (Small capitals from capitals. Look at “The”)
- *THE FIVE BOXING WIZARDS JUMP QUICKLY.* 0123456789 (`+case`) (Case-sensitive forms)

3 Fancy Features

3.1 Ligatures

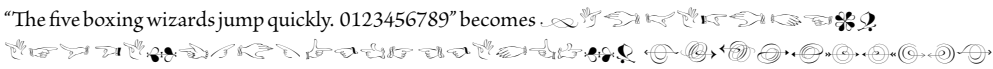
- *The five boxing wizards jump quickly.* 0123456789 *Dr. Mr. Ms. 00 25 50 75 100* (`+liga`) (Standard ligature)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 *Đ Ć Ć̂ 00 25 50 75 100* (`+dlig`) (Discretionary ligature)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (`+swsh`) (Swash)
Wolfgang Amadeus Mozart

¹In the T_EX world some of his famous fonts are Aldus, Euler, Optima, Palatino, and Zapf Chancery.

3.2 Stylistic Alternates

- *The five boxing wizards jump quickly.* 0123456789 (+salt) (Stylistic alternates)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss01) (Stylistic set 1)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss02)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss03)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss04)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss05)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss06)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss07)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss08)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss09)
Wolfgang Amadeus Mozart
- *The five boxing wizards jump quickly.* 0123456789 (+ss10)
Wolfgang Amadeus Mozart

3.3 Others

- “The five boxing wizards jump quickly. 0123456789” becomes 
(+ornm)

4 Figures

Zapfino also provides various figure forms. However, it seems that numr and subs are not working properly in this test.

- *Numerator:* 0123456789 (+numr)
- *Denominator:* 0123456789 (+dnom)
- *Scientific inferior:* 0123456789 (+sinf)

- *Superscript*: 0123456789 (+sups)
- *Subscript*: 0123456789 (+subs)
- *Ordinal*: 1st 2nd 3rd 4th (+ordn)
- *Fraction*: ¹/₂ ¹/₂ ³/₄ (+frac)

5 Misc

As Zapfino has a lot of glyph variations, some of the variants do not have proper unicode mapping. If you want to access the unmapped glyph, you have to find the GID (glyph index) and use `\XeTeXglyphGID` to access the glyph.

For example, the GID of the apple logo in Zapfino is 1667. Thus `\XeTeXglyph1667` typesets 🍏 (tasty?). Another example is Zapfino logo whose GID is 1669. The output is

