

# Ten Years of HarfBUZZ

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# Pre History

FreeType Layout

Pango

Qt

# Early Days

**2006Q1** Import FTL code from Pango into HarfBuzz(old)

**2006Q4** Start experimental rewrite, called harfbuzz-ng

**2007Q1** Qt donated their shapers to HarfBuzz(old)

# harfbuzz-ng goals

user-friendly

robust

efficient

threadsafe

portable

featureful

# Slow Days

**2007** 3 commits

**2008** 25 commits

# Faster Days

**2009** over 400 commmits

**2009Q4** HarfBuzz Hackfest at Mozilla Toronto

**2009Q4** WebkitGTK+ Hackfest

**2010Q2** HarfBuzz Hackfest in Reading, UK

**2010** Firefox ships for Latin

# Slower then Even Faster Days

**2012Q2** HarfBuzz Hackfest at Google Zurich

**2012Q3** HarfBuzz Hackfest at Mozilla Toronto

**2012Q3** Pango switches over

**2012Q4** HarfBuzz Hackfest at Mozilla Vancouver

**2012Q4** ChromeOS / Chrome Linux

**2012Q4** ICU Layout port

# Taking off

**2013Q1** HarfBuzz Hackfest at Google London / Mozilla London

**2013Q2** Android switches

**2013Q4** HarfBuzz Hackfest at Mozilla Paris / Google Paris

**~2014** Firefox switches for all scripts

**2014Q1** Chrome Windows switches



# Maturity

~**2015** Chrome Mac switch

**2015Q3** HarfBuzz Hackfest at Mozilla London: USE

**2015Q3** HarfBuzz 1.0.0

**2015Q4** HarfBuzz Hackfest at Mozilla London: Unicode 8.0

**2016Q2** HarfBuzz Hackfest at Mozilla London: Unicode 9.0

# Future

hb-ot-font

OpenType MATH

OpenType COLR/CPAL, SVG

OpenType Variation Fonts (mutator?)

Q & A