Finding the balance
No way back

- We have passed the point of no return already years ago.
- Most users now use MkIV, with an occasional fall-back on MkII.
- The code base is now completely split, with the exception of some modules.
- Some solutions are implemented in Lua with only a small wrapper at the \TeX{} end.
To get an idea

- **structure**: sectioning, notes, descriptions, registers, synonyms
- **typesetting**: sectioning, notes, descriptions,
Hybrid coding

- The complete ConTExt user interface is available at the Lua end (context namespace).

- Eventually all Lua solutions will have a dual interface: Lua (all kind of namespaces) and towards \TeX{} (the command namespace).

- Some of the support Lua modules can also be used independent from ConTExt.
### Coding in \TeX

\begin{verbatim}
\starttabulate[|l|c|r|]
\NC one \NC 1 \NC first \NC \NR
\NC two \NC 2 \NC second \NC \NR
\NC three \NC 3 \NC third \NC \NR
\stop{tabulate}
\end{verbatim}
Coding in LUA

local NC = context.NC
local NR = context.NR

context.starttabulate { "|l|c|r|" }
NC() one NC() 1 NC() first NC() NR()
NC() two NC() 2 NC() second NC() NR()
NC() three NC() 3 NC() third NC() NR()
context.stoptabulate()
function converters.ordinal(n, language)
  local t = ordinals[language]
  return t and t(n)
end

function commands.ordinal(n, language)
  local t = ordinals[language]
  local o = t and t(n)
  if o then
    context.highordinalstr(o)
  end
end
Up to MKVI

\def\MyMacro#Country#City{% 
  \blank 
  #City is situated in #Country 
  \blank 
\}

\MyMacro{Netherlands}{Hasselt} 
\MyMacro{Poland} {Bachotek}
CONTEXT LUA Documents

cld-math-001.cld
music-001.cld
m-zint.mkiv
s-edu-01.mkiv
m-morse.mkvi
scrn-wid.mkiv scrn-wid.mkvi
graph-swf.lua lpdf-swf.lua back-swf.mkiv