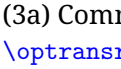

Old Persian script, using ASCII transliteration input method

(1) Named macros (use with **\opfont**)
`{\opfont \opka \opta }` ↦ 

(2a) Command **\optrans** (assumes **\opfont** is defined)
`\optrans {ka.ta.}` ↦ 
(2b) Environment **optranse** (assumes **\opfont** is defined)

Unicode
`\optrans {U+103A3U+103AB}` ↦ 

Reverse transliteration
(3a) Command version
`\optransrev{`  `}` ↦ ka.ta.
(3b) Environment version, with `\begin {optranserev} ... \end {optranserev}`
ka.ta.
ga.gu.xa.ca.

1 Commands

ASCII-to-Old Persian

To produce Old Persian text in-line, define a **\opfont** and use command **\optrans** with either dot-notation or Unicode code point:

`\optrans {a.}` ↦ 
`\optrans {U+103A0}` ↦

or use named macros, specifying the font:

`{ \opfont \opa }` ↦ 

For longer texts across paragraphs, the **optranse** environment is available.

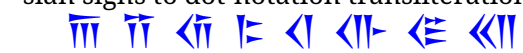
```
\begin{optranse}
ma.a.ha.

sha.i.ya.a.ta.
\end{optranse}}
```

produces

Old Persian-to-ASCII

Command \optransrev and environment optranserev convert Old Persian signs to dot-notation transliteration.

 become a. i. u. ka. ku. ga. gu. xa. with the command and the environment produces a. i. u. ka. ku. ga. gu. xa.

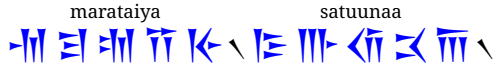
Adding an "s" prefix, command \soptransrev and environment soptranserev produce scholarly transliteration.

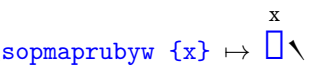
 become θa ša ça with the command and the environment produces θa ša ça

Ruby

Command \soprubyw does ruby scholarly transliteration by space delimiter (intended for words), calling \sopmaprubyw for each item.

\sopmaprubyw does the individual transliteration ruby unit stack, adding the word divider.

\soprubyw{  } ↦ 

\sopmaprubyw {x} ↦ 

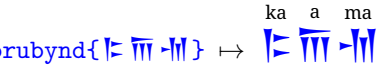
Command \sopruby does ruby scholarly transliteration by semicolon delimiter (intended for the letters of words), calling \sopmapruby for each item.

\sopmapruby does the individual transliteration ruby unit stack.

\sopruby{  } ↦

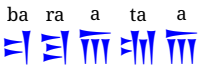
\sopmapruby {x} ↦ 

Command \soprubynd rubifies each character without the need to use delimiters.

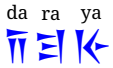
\soprubynd{  } ↦

Environment soprubynde:

ba ra a ta a



da ra ya



BUU

List of shortcut dot-transliteration input codes (these assume that a font command **\opfont** has been defined, e.g. via FONTSPEC's `\newfontface \opfont {Noto Sans OldPersian}`):

`\optrans {a.}` ↦ 

`\optrans {i.}` ↦ 

`\optrans {u.}` ↦ 

`\optrans {ka.}` ↦ 

`\optrans {ku.}` ↦ 

`\optrans {ga.}` ↦ 

`\optrans {gu.}` ↦ 

`\optrans {xa.}` ↦ 

`\optrans {ca.}` ↦ 

`\optrans {ja.}` ↦ 

`\optrans {ji.}` ↦ 

`\optrans {ta.}` ↦ 

`\optrans {tu.}` ↦ 

`\optrans {da.}` ↦ 

`\optrans {di.}` ↦ 

`\optrans {du.}` ↦ 

`\optrans {tha.}` ↦ 

`\optrans {pa.}` ↦ 

`\optrans {ba.}` ↦ 

`\optrans {fa.}` ↦ 

`\optrans {na.}` ↦ 

`\optrans {nu.}` ↦ 

`\optrans {ma.}` ↦ 

`\optrans {mi.}` ↦ 

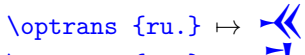
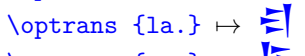
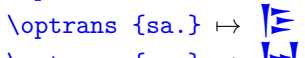
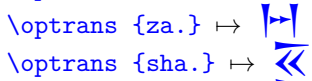
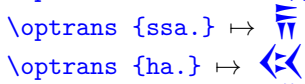
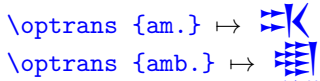
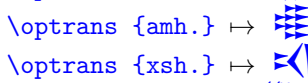
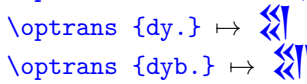
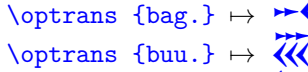
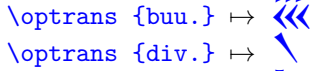
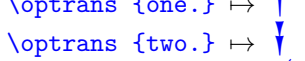
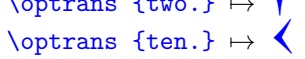
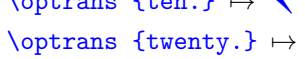
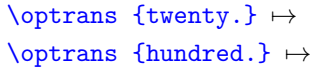
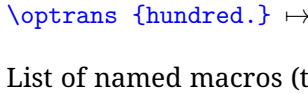
`\optrans {mu.}` ↦ 

`\optrans {ya.}` ↦ 

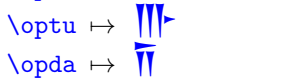
`\optrans {va.}` ↦ 

`\optrans {vi.}` ↦

`\optrans {ra.}` ↦

\optrans {ru.} ↦ 
\optrans {la.} ↦ 
\optrans {sa.} ↦ 
\optrans {za.} ↦ 
\optrans {sha.} ↦
\optrans {ssa.} ↦ 
\optrans {ha.} ↦
\optrans {am.} ↦ 
\optrans {amb.} ↦
\optrans {amh.} ↦ 
\optrans {xsh.} ↦
\optrans {dy.} ↦ 
\optrans {dyb.} ↦
\optrans {bag.} ↦ 
\optrans {buu.} ↦ 
\optrans {div.} ↦
\optrans {one.} ↦ 
\optrans {two.} ↦ 
\optrans {ten.} ↦ 
\optrans {twenty.} ↦ 
\optrans {hundred.} ↦ 

List of named macros (these require the current font to be set to one already containing Ugaritic glyphs):

\opa ↦ 
\opi ↦ 
\opu ↦ 
\opka ↦ 
\opku ↦ 
\opga ↦ 
\opgu ↦ 
\opxa ↦
\opca ↦ 
\opja ↦
\opji ↦ 
\opta ↦
\optu ↦ 
\opda ↦ 

\opdi ↦ 
\opdu ↦ 
\optha ↦ 
\oppa ↦ 
\opba ↦ 
\opfa ↦ 
\opna ↦ 
\opnu ↦ 
\opma ↦ 
\opmi ↦ 
\opmu ↦ 
\opya ↦ 
\opva ↦ 
\opvi ↦ 
\opra ↦ 
\opru ↦ 
\opla ↦ 
\opsa ↦ 
\opza ↦ 
\opsha ↦ 
\opssa ↦ 
\opha ↦ 
\opauramazdaa ↦ 
\opauramazdaab ↦ 
\opauramazdaaha ↦ 
\opxshaayathiya ↦ 
\opdahyaaush ↦ 
\opdahyaaushb ↦ 
\opbaga ↦ 
\opbuumish ↦ 
\opworddivider ↦ 
\opone ↦ 
\optwo ↦ 
\opten ↦ 
\optwenty ↦
\ophundred ↦ 

List of Unicode codepoints:

\optrans {U+103A0} ↦ 
\optrans {U+103A1} ↦ 
\optrans {U+103A2} ↦ 
\optrans {U+103A3} ↦
\optrans {U+103A4} ↦ 
\optrans {U+103A5} ↦ 
\optrans {U+103A6} ↦ 
\optrans {U+103A7} ↦ 
\optrans {U+103A8} ↦ 
\optrans {U+103A9} ↦
\optrans {U+103AA} ↦ 
\optrans {U+103AB} ↦ 
\optrans {U+103AC} ↦ 
\optrans {U+103AD} ↦ 
\optrans {U+103AE} ↦ 
\optrans {U+103AF} ↦
\optrans {U+103B0} ↦ 
\optrans {U+103B1} ↦ 
\optrans {U+103B2} ↦ 
\optrans {U+103B3} ↦ 
\optrans {U+103B4} ↦ 
\optrans {U+103B5} ↦ 
\optrans {U+103B6} ↦ 
\optrans {U+103B7} ↦
\optrans {U+103B8} ↦ 
\optrans {U+103B9} ↦ 
\optrans {U+103BA} ↦ 
\optrans {U+103BB} ↦ 
\optrans {U+103BC} ↦ 
\optrans {U+103BD} ↦
\optrans {U+103BE} ↦ 
\optrans {U+103BF} ↦ 
\optrans {U+103C0} ↦ 
\optrans {U+103C1} ↦ 
\optrans {U+103C2} ↦ 
\optrans {U+103C3} ↦ 
\optrans {U+103C8} ↦
\optrans {U+103C9} ↦ 

\optrans {U+103CA} ↦ 
\optrans {U+103CB} ↦ 
\optrans {U+103CC} ↦ 
\optrans {U+103CD} ↦ 
\optrans {U+103CE} ↦ 
\optrans {U+103CF} ↦ 
\optrans {U+103D0} ↦ 
\optrans {U+103D1} ↦
\optrans {U+103D2} ↦ 
\optrans {U+103D3} ↦
\optrans {U+103D4} ↦ 
\optrans {U+103D5} ↦