Technical details on texvcjs

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Chapter 1

Technical details on texvc identifier extraction

1.1 Introduction

This chapter describes which mathematical symbols are identified as identifiers. In general every single Latin letter [a-zA-Z] is regarded as identifier. In addition, we accept multi-letter-subscripts that match [0-9a-zA-Z]+, such as a_0 but also ε_{ijk}. Moreover, the Literals described in section 1.2, and the Identifier variants (section 1.3) are supported.

1.2 Literals

The following literals are supported:

\Bbbk is rendered as $\Bbbk$

\Delta is rendered as Δ

\Finv is rendered as $\Finv$

\Game is rendered as $\Game$

\Gamma is rendered as Γ

\Lambda is rendered as Λ

\Omega is rendered as Ω

\P is rendered as ¶

`\Phi` is rendered as Φ

`\Pi` is rendered as Π

`\Psi` is rendered as Ψ

`\S` is rendered as §

`\Sigma` is rendered as Σ

`\Theta` is rendered as Θ

`\Xi` is rendered as Ξ

`\aleph` is rendered as $\aleph$

`\alpha` is rendered as α

`\amalg` is rendered as $\amalg$

`\backepsilon` is rendered as $\backepsilon$

`\beta` is rendered as β

`\beth` is rendered as $\beth$

`\chi` is rendered as χ

`\complement` is rendered as $\complement$

`\daleth` is rendered as $\daleth$

`\delta` is rendered as δ

`\digamma` is rendered as $\digamma$

`\ell` is rendered as ℓ

`\epsilon` is rendered as ϵ

`\eta` is rendered as η

`\eth` is rendered as $\eth$

`\flat` is rendered as $\flat$

`\gamma` is rendered as γ

`\gimel` is rendered as $\gimel$

`\hslash` is rendered as $\hslash$

`\imath` is rendered as $\imath$

`\intercal` is rendered as $\intercal$

`\iota` is rendered as ι

`\jmath` is rendered as $\jmath$

`\kappa` is rendered as κ

`\lambda` is rendered as λ

`\mho` is rendered as $\mho$

`\mu` is rendered as μ

`\natural` is rendered as $\natural$

`\nu` is rendered as ν

`\omega` is rendered as ω

`\phi` is rendered as ϕ

`\pi` is rendered as π

`\pitchfork` is rendered as $\pitchfork$

`\psi` is rendered as ψ

`\rho` is rendered as ρ

`\sigma` is rendered as σ

`\tau` is rendered as τ

`\theta` is rendered as θ

`\top` is rendered as $\top$

`\varepsilon` is rendered as ε

`\varkappa` is rendered as $\varkappa$

`\varnothing` is rendered as $\varnothing$

`\varphi` is rendered as φ

`\varpi` is rendered as ϖ

`\varrho` is rendered as ϱ

`\varsigma` is rendered as ς

`\vartheta` is rendered as ϑ

`\wp` is rendered as $\wp$

`\xi` is rendered as ξ

`\zeta` is rendered as ζ

1.3 Identifier variants

The following variants are supported[1]:

`\Bbb` applied on x, X is rendered as $\Bbb{x}, \Bbb{X}$

`\acute` applied on x, X is rendered as $\acute{x}, \acute{X}$

`\bar` applied on x, X is rendered as $\bar{x}, \bar{X}$

`\bcancel` applied on x, X is rendered as $\bcancel{x}, \bcancel{X}$

`\bmod` applied on x, X is rendered as $\mathrm{mod}\, x, \mathrm{mod}\, X$

`\bold` applied on x, X is rendered as $\mathbf{x}, \mathbf{X}$

`\boldsymbol` applied on x, X is rendered as $\boldsymbol{x}, \boldsymbol{X}$

`\breve` applied on x, X is rendered as $\breve{x}, \breve{X}$

`\cancel` applied on x, X is rendered as $\cancel{x}, \cancel{X}$

`\check` applied on x, X is rendered as $\check{x}, \check{X}$

`\ddot` applied on x, X is rendered as $\ddot{x}, \ddot{X}$

`\dot` applied on x, X is rendered as $\dot{x}, \dot{X}$

`\emph` applied on x, X is rendered as x, X

`\grave` applied on x, X is rendered as $\grave{x}, \grave{X}$

`\hat` applied on x, X is rendered as $\hat{x}, \hat{X}$

`\mathbb` applied on x, X is rendered as $\mathbb{x}, \mathbb{X}$

`\mathbf` applied on x, X is rendered as $\mathbf{x}, \mathbf{X}$

`\mathbin` applied on x, X is rendered as x, X

`\mathcal` applied on x, X is rendered as $, \mathcal{X}$

`\mathclose` applied on x, X is rendered as x, X

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[1]Note that `\mathcal` is not available for lowercase Latin letters.

\mathfrak applied on x, X is rendered as $\mathfrak{x}, \mathfrak{X}$

\mathit applied on x, X is rendered as x, X

\mathop applied on x, X is rendered as x, X

\mathopen applied on x, X is rendered as x, X

\mathord applied on x, X is rendered as x, X

\mathpunct applied on x, X is rendered as x, X

\mathrel applied on x, X is rendered as x, X

\mathrm applied on x, X is rendered as x, X

\mathsf applied on x, X is rendered as x, X

\mathtt applied on x, X is rendered as $\mathtt{x}, \mathtt{X}$

\overleftarrow applied on x, X is rendered as $\overleftarrow{x}, \overleftarrow{X}$

\overleftrightarrow applied on x, X is rendered as $\overleftrightarrow{x}, \overleftrightarrow{X}$

\overline applied on x, X is rendered as $\overline{x}, \overline{X}$

\overrightarrow applied on x, X is rendered as $\overrightarrow{x}, \overrightarrow{X}$

\textbf applied on x, X is rendered as $\mathbf{x}, \mathbf{X}$

\textit applied on x, X is rendered as x, X

\textrm applied on x, X is rendered as x, X

\textsf applied on x, X is rendered as x, X

\texttt applied on x, X is rendered as $\mathtt{x}, \mathtt{X}$

\tilde applied on x, X is rendered as $\tilde{x}, \tilde{X}$

\underline applied on x, X is rendered as $\underline{x}, \underline{X}$

\vec applied on x, X is rendered as $\vec{x}, \vec{X}$

\widehat applied on x, X is rendered as $\widehat{x}, \widehat{X}$

\widetilde applied on x, X is rendered as $\widetilde{x}, \widetilde{X}$

\xcancel applied on x, X is rendered as $\xcancel{x}, \xcancel{X}$

\xleftarrow applied on x, X is rendered as $\xleftarrow{x}, \xleftarrow{X}$

\xrightarrow applied on x, X is rendered as $\xrightarrow{x}, \xrightarrow{X}$

Chapter 2

List of all commands supported

Chapter 2 lists all commands allowed by texvcjs.

2.1 Group `big_literals`

`\Big` is rendered as $\Big($

`\Bigg` is rendered as $\Bigg($

`\Biggl` is rendered as $\Biggl($

`\Biggr` is rendered as $\Biggr($

`\Bigl` is rendered as $\Bigl($

`\Bigr` is rendered as $\Bigr($

`\big` is rendered as $\big($

`\bigg` is rendered as $\bigg($

`\biggl` is rendered as $\biggl($

`\biggr` is rendered as $\Bigg($

`\bigl` is rendered as $($

`\bigr` is rendered as $($

2.2 Group box_functions

`\hbox` is rendered as x

`\mbox` is rendered as x

`\text` is rendered as x

`\vbox` is rendered as x

2.3 Group color_function

`\color` is rendered as *red*

`\pagecolor` is not rendered.

2.4 Group declh_function

`\bf` is rendered as

`\cal` is rendered as

`\it` is rendered as

`\rm` is rendered as

2.5 Group definecolor_function

`\definecolor` is rendered as

2.6 Group fun_ar1

`\acute` is rendered as $\acute{x}$

`\bar` is rendered as $\bar{x}$

\bcancel is rendered as $\bcancel{x}$

\bmod is rendered as $\bmod x$

\boldsymbol is rendered as $\boldsymbol{x}$

\breve is rendered as $\breve{x}$

\cancel is rendered as $\cancel{x}$

\check is rendered as $\check{x}$

\ddot is rendered as $\ddot{x}$

\dot is rendered as $\dot{x}$

\emph is rendered as x

\grave is rendered as $\grave{x}$

\hat is rendered as $\hat{x}$

\hphantom is rendered as

\mathcal is rendered as

\mathclose is rendered as x

\mathfrak is rendered as $\mathfrak{x}$

\mathit is rendered as x

\mathopen is rendered as x

\mathord is rendered as x

\mathpunct is rendered as x

\mathsf is rendered as x

\mathtt is rendered as x

\overleftarrow is rendered as $\overleftarrow{x}$

\overleftrightarrow is rendered as $\overleftrightarrow{x}$

\overline is rendered as $\overline{x}$

\overrightarrow is rendered as $\overrightarrow{x}$

\phantom is rendered as

\pmod is rendered as $\pmod x$

$\texttt{\textbackslash sqrt}$ is rendered as $\sqrt{x}$

$\texttt{\textbackslash textbf}$ is rendered as $\mathbf{x}$

$\texttt{\textbackslash textit}$ is rendered as x

$\texttt{\textbackslash textrm}$ is rendered as x

$\texttt{\textbackslash textsf}$ is rendered as x

$\texttt{\textbackslash texttt}$ is rendered as x

$\texttt{\textbackslash tilde}$ is rendered as $\tilde{x}$

$\texttt{\textbackslash underline}$ is rendered as $\underline{x}$

$\texttt{\textbackslash vec}$ is rendered as $\vec{x}$

$\texttt{\textbackslash vphantom}$ is rendered as

$\texttt{\textbackslash widehat}$ is rendered as $\widehat{x}$

$\texttt{\textbackslash widetilde}$ is rendered as $\widetilde{x}$

$\texttt{\textbackslash xcancel}$ is rendered as $\cancel{x}$

2.7 Group fun_ar1nb

$\texttt{\textbackslash mathbb}$ is rendered as $\mathbb{x}$

$\texttt{\textbackslash mathbf}$ is rendered as $\mathbf{x}$

$\texttt{\textbackslash mathbin}$ is rendered as x

$\texttt{\textbackslash mathop}$ is rendered as x

$\texttt{\textbackslash mathrel}$ is rendered as x

$\texttt{\textbackslash mathrm}$ is rendered as x

$\texttt{\textbackslash operatorname}$ is rendered as x

$\texttt{\textbackslash overarc}$ is rendered as 6.0pt$\overarc{x}$

$\texttt{\textbackslash overbrace}$ is rendered as $\overbrace{x}$

$\texttt{\textbackslash underbrace}$ is rendered as $\underbrace{x}$

$\texttt{\textbackslash xleftarrow}$ is rendered as $\overset{x}{\underset{\text{\tiny{iii}}}{\}}}$

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`\xrightarrow` is rendered as $\overset{x}{\underset{\underline{\,}}{\text{TM}}}$

2.8 Group fun_ar1opt

`\sqrt` is rendered as $\sqrt{x}$

`\xleftarrow` is rendered as $\overset{x}{\underset{\underline{\,}}{\}}}$

`\xrightarrow` is rendered as $\overset{x}{\underset{\underline{\,}}{\text{TM}}}$

2.9 Group fun_ar2

`\binom` applied on xx is rendered as $\binom{x}{x}$

`\cancelto` applied on xx is rendered as $x\nearrow^{x}$

`\cfrac` applied on xx is rendered as $\dfrac{x}{x}$

`\dbinom` applied on xx is rendered as $\left(\dfrac{x}{x}\right)$

`\dfrac` applied on xx is rendered as $\dfrac{x}{x}$

`\frac` applied on xx is rendered as $\frac{x}{x}$

`\overset` applied on xx is rendered as $\overset{x}{x}$

`\stackrel` applied on xx is rendered as $\overset{x}{x}$

`\tbinom` applied on xx is rendered as $\binom{x}{x}$

`\tfrac` applied on xx is rendered as $\frac{x}{x}$

`\underset` applied on xx is rendered as $\underset{x}{x}$

2.10 Group fun_ar2nb

`\sideset` applied on $^{24}_{13}\sum$ is rendered as $^{2}_{1}\sum^{4}_{3}$

2.11   Group `fun_infix`

`\atop` applied on x, y is rendered as $\frac{x}{y}$

`\choose` applied on x, y is rendered as $\binom{x}{y}$

`\over` applied on x, y is rendered as $\frac{x}{y}$

2.12   Group `fun_mhchem`

`\ce` is rendered as x

2.13   Group `hline_function`

`\hline` applied in a table is rendered as $\underline{x_{11} \quad x_{12}}$

2.14   Group `latex_function_names`

`\Pr` is rendered as Pr

`\arccos` is rendered as arccos

`\arcsin` is rendered as arcsin

`\arctan` is rendered as arctan

`\arg` is rendered as arg

`\cos` is rendered as cos

`\cosh` is rendered as cosh

`\cot` is rendered as cot

`\coth` is rendered as coth

`\csc` is rendered as csc

`\deg` is rendered as deg

`\det` is rendered as det

`\dim` is rendered as dim

`\exp` is rendered as exp

`\gcd` is rendered as gcd

`\hom` is rendered as hom

`\inf` is rendered as inf

`\ker` is rendered as ker

`\lg` is rendered as lg

`\lim` is rendered as lim

`\liminf` is rendered as lim inf

`\limsup` is rendered as lim sup

`\ln` is rendered as ln

`\log` is rendered as log

`\max` is rendered as max

`\min` is rendered as min

`\sec` is rendered as sec

`\sin` is rendered as sin

`\sinh` is rendered as sinh

`\sup` is rendered as sup

`\tan` is rendered as tan

`\tanh` is rendered as tanh

2.15 Group `left_function`

`\left` is rendered as (

2.16 Group `mediawiki_function_names`

`\arccot` is rendered as arccot y

`\arccsc` is rendered as arccsc y

`\arcsec` is rendered as arcsec y

`\sen` is rendered as sen y

`\sgn` is rendered as $\operatorname{sgn} y$

2.17 Group mhchem_bond

`\bond` is rendered as —

2.18 Group mhchem_macro_1p

`\ce` is rendered as x

`\mathbf` is rendered as **x**

2.19 Group mhchem_macro_2p

`\frac` applied on xx is rendered as $\frac{x}{x}$

`\overset` applied on xx is rendered as $\overset{x}{x}$

`\underset` applied on xx is rendered as $\underset{x}{x}$

2.20 Group mhchem_macro_2pc

`\color` is rendered as red

2.21 Group mhchem_macro_2pu

`\underbrace` is rendered as $\underbrace{x}$

2.22 Group mhchem_single_macro

`\Alpha` is rendered as A

`\Beta` is rendered as B

`\Chi` is rendered as X

`\Delta` is rendered as Δ

`\Epsilon` is rendered as E

`\Eta` is rendered as H

`\Gamma` is rendered as Γ

`\Iota` is rendered as I

`\Kappa` is rendered as K

`\Lambda` is rendered as Λ

`\Mu` is rendered as M

`\Nu` is rendered as N

`\Omega` is rendered as Ω

`\Omicron` is rendered as

`\Phi` is rendered as Φ

`\Pi` is rendered as Π

`\Psi` is rendered as Ψ

`\Rho` is rendered as P

`\Sigma` is rendered as Σ

`\Tau` is rendered as T

`\Theta` is rendered as Θ

`\Upsilon` is rendered as Υ

`\Zeta` is rendered as Z

`\alpha` is rendered as α

`\approx` is rendered as $\approx$

`\beta` is rendered as β

`\ca` was never used.
https://phabricator.wikimedia.org/T323878

`\chi` is rendered as χ

`\circ` is rendered as $\circ$

`\delta` is rendered as δ

`\epsilon` is rendered as ε

`\eta` is rendered as η

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\gamma is rendered as γ

\iota is rendered as ι

\kappa is rendered as κ

\lambda is rendered as λ

\mu is rendered as μ

\nu is rendered as ν

\omega is rendered as ω

\omicron is rendered as

\phi is rendered as ϕ

\pi is rendered as π

\pm is rendered as $\pm$

\psi is rendered as ψ

\rho is rendered as ρ

\sigma is rendered as σ

\tau is rendered as τ

\theta is rendered as ϑ

\upsilon is rendered as υ

\varepsilon is rendered as ε

\varkappa is rendered as $\varkappa$

\varphi is rendered as φ

\varpi is rendered as ϖ

\varrho is rendered as ϱ

\varsigma is rendered as ς

\vartheta is rendered as ϑ

\zeta is rendered as ζ

2.23   Group nullary_macro

`\And` is rendered as ⅋

`\Bbbk` is rendered as $\Bbbk$

`\Box` is rendered as $\Box$

`\Bumpeq` is rendered as ≎

`\Cap` is rendered as ⋒

`\Cup` is rendered as ⋓

`\Delta` is rendered as Δ

`\Diamond` is rendered as $\Diamond$

`\Finv` is rendered as ⅃

`\Game` is rendered as ⅁

`\Gamma` is rendered as Γ

`\Im` is rendered as $\Im$

`\Lambda` is rendered as Λ

`\Leftarrow` is rendered as $\times$

`\Leftrightarrow` is rendered as $\hat{U}$

`\Lleftarrow` is rendered as $\acute{a}$

`\Longleftarrow` is rendered as $\Longleftarrow$

`\Longleftrightarrow` is rendered as $\Longleftrightarrow$

`\Longrightarrow` is rendered as $\Longrightarrow$

`\Lsh` is rendered as $\cdot$

`\Omega` is rendered as Ω

`\P` is rendered as ¶

`\Phi` is rendered as Φ

`\Pi` is rendered as Π

`\Psi` is rendered as Ψ

`\Re` is rendered as $\Re$

`\Rightarrow` is rendered as Ù

`\Rrightarrow` is rendered as â

`\Rsh` is rendered as ¸

`\S` is rendered as §

`\Sigma` is rendered as Σ

`\Subset` is rendered as ⋐

`\Supset` is rendered as ⋑

`\Theta` is rendered as Θ

`\Upsilon` is rendered as ϒ

`\Vdash` is rendered as ⊩

`\Vvdash` is rendered as ⊪

`\Xi` is rendered as Ξ

`\aleph` is rendered as ℵ

`\alpha` is rendered as α

`\amalg` is rendered as ⨿

`\angle` is rendered as ∠

`\approx` is rendered as ≈

`\approxeq` is rendered as ≊

`\ast` is rendered as ∗

`\asymp` is rendered as ≍

`\backepsilon` is rendered as ϶

`\backprime` is rendered as ‵

`\backsim` is rendered as ∽

`\backsimeq` is rendered as ⋍

`\barwedge` is rendered as ⊼

`\because` is rendered as ∵

`\beta` is rendered as β

\beth is rendered as ℶ

\between is rendered as ≬

\bigcap is rendered as ⋂

\bigcirc is rendered as ◯

\bigcup is rendered as ⋃

\bigodot is rendered as ⨀

\bigoplus is rendered as ⨁

\bigotimes is rendered as ⨂

\bigsqcup is rendered as ⨆

\bigstar is rendered as ★

\bigtriangledown is rendered as ▽

\bigtriangleup is rendered as △

\biguplus is rendered as ⨄

\bigvee is rendered as ⋁

\bigwedge is rendered as ⋀

\blacklozenge is rendered as ◆

\blacksquare is rendered as ■

\blacktriangle is rendered as ▲

\blacktriangledown is rendered as ▼

\blacktriangleleft is rendered as ◀

\blacktriangleright is rendered as ▶

\bot is rendered as ⊥

\bowtie is rendered as ⋈

\boxdot is rendered as ⊡

\boxminus is rendered as ⊟

\boxplus is rendered as ⊞

\boxtimes is rendered as ⊠

`\bullet` is rendered as •

`\bumpeq` is rendered as ≏

`\cap` is rendered as ∩

`\cdot` is rendered as ·

`\cdots` is rendered as ⋯

`\centerdot` is rendered as ·

`\checkmark` is rendered as ✓

`\chi` is rendered as χ

`\circ` is rendered as ∘

`\circeq` is rendered as ≗

`\circlearrowleft` is rendered as Á

`\circlearrowright` is rendered as Â

`\circledS` is rendered as Ⓢ

`\circledast` is rendered as ⊛

`\circledcirc` is rendered as ⊚

`\circleddash` is rendered as ⊝

`\clubsuit` is rendered as ♣

`\colon` is rendered as :

`\complement` is rendered as ∁

`\cong` is rendered as ≅

`\coprod` is rendered as ∐

`\cup` is rendered as ∪

`\curlyeqprec` is rendered as ⋞

`\curlyeqsucc` is rendered as ⋟

`\curlyvee` is rendered as ⋎

`\curlywedge` is rendered as ⋏

`\curvearrowleft` is rendered as ½

\curvearrowright is rendered as ¾

\dagger is rendered as †

\daleth is rendered as ℸ

\dashv is rendered as ⊣

\ddagger is rendered as ‡

\ddots is rendered as ⋱

\delta is rendered as δ

\diagdown is rendered as ╲

\diagup is rendered as ╱

\diamond is rendered as ⋄

\diamondsuit is rendered as ◇

\digamma is rendered as $ϝ$

\displaystyle is rendered as

\div is rendered as ÷

\divideontimes is rendered as ⋇

\doteq is rendered as ≐

\doteqdot is rendered as ≑

\dotplus is rendered as ∔

\dots is rendered as …

\dotsb is rendered as ⋯

\dotsc is rendered as …

\dotsi is rendered as ⋯

\dotsm is rendered as ⋯

\dotso is rendered as …

\doublebarwedge is rendered as ⩞

\downdownarrows is rendered as Ñ

\downharpoonleft is rendered as Ê

`\downharpoonright` is rendered as $\downharpoonright$

`\ell` is rendered as ℓ

`\emptyset` is rendered as $\emptyset$

`\epsilon` is rendered as ϵ

`\eqcirc` is rendered as $\eqcirc$

`\eqsim` is rendered as $\eqsim$

`\eqslantgtr` is rendered as $\eqslantgtr$

`\eqslantless` is rendered as $\eqslantless$

`\equiv` is rendered as $\equiv$

`\eta` is rendered as η

`\eth` is rendered as $\eth$

`\exists` is rendered as $\exists$

`\fallingdotseq` is rendered as $\fallingdotseq$

`\flat` is rendered as $\flat$

`\forall` is rendered as $\forall$

`\frown` is rendered as $\frown$

`\gamma` is rendered as γ

`\geq` is rendered as $\geq$

`\geqq` is rendered as $\geqq$

`\geqslant` is rendered as $\geqslant$

`\gets` is rendered as $\}$

`\gg` is rendered as $\gg$

`\ggg` is rendered as $\ggg$

`\gimel` is rendered as $\gimel$

`\gnapprox` is rendered as $\gnapprox$

`\gneq` is rendered as $\gneq$

`\gneqq` is rendered as $\gneqq$

\gnsim is rendered as $\gnsim$

\gtrapprox is rendered as $\gtrapprox$

\gtrdot is rendered as $\gtrdot$

\gtreqless is rendered as $\gtreqless$

\gtreqqless is rendered as $\gtreqqless$

\gtrless is rendered as $\gtrless$

\gtrsim is rendered as $\gtrsim$

\gvertneqq is rendered as $\gvertneqq$

\hbar is rendered as $\hbar$

\heartsuit is rendered as $\heartsuit$

\hookleftarrow is rendered as $\circ$

\hookrightarrow is rendered as $\pm$

\hslash is rendered as $\hslash$

\iff is rendered as $\iff$

\iiiint is rendered as $\iiiint$

\iiint is rendered as $\iiint$

\iint is rendered as $\iint$

\imath is rendered as $\imath$

\implies is rendered as $\implies$

\in is rendered as $\in$

\infty is rendered as ∞

\injlim is rendered as $\injlim$

\int is rendered as $\int$

\intBar is rendered as $\fneq$

\intbar is rendered as $\fint$

\intercal is rendered as $\intercal$

\iota is rendered as ι

`\jmath` is rendered as $\jmath$

`\kappa` is rendered as κ

`\lVert` is rendered as $\|$

`\lambda` is rendered as λ

`\land` is rendered as $\wedge$

`\ldots` is rendered as $\ldots$

`\leftarrow` is rendered as $\}$

`\leftarrowtail` is rendered as ©

`\leftharpoondown` is rendered as Ä

`\leftharpoonup` is rendered as Ā

`\leftleftarrows` is rendered as Î

`\leftrightarrow` is rendered as ›

`\leftrightarrows` is rendered as Í

`\leftrightharpoons` is rendered as Ò

`\leftrightsquigarrow` is rendered as ´

`\leftthreetimes` is rendered as λ

`\leq` is rendered as $\leq$

`\leqq` is rendered as $\leqq$

`\leqslant` is rendered as $\leqslant$

`\lessapprox` is rendered as $\lessapprox$

`\lessdot` is rendered as $\lessdot$

`\lesseqgtr` is rendered as $\lesseqgtr$

`\lesseqqgtr` is rendered as $\lesseqqgtr$

`\lessgtr` is rendered as $\lessgtr$

`\lesssim` is rendered as $\lesssim$

`\limits` is rendered for example as $\bigcap\limits_a^b$

`\ll` is rendered as $\ll$

\lll is rendered as ⋘

\lnapprox is rendered as ⪉

\lneq is rendered as ⪇

\lneqq is rendered as ≨

\lnot is rendered as ¬

\lnsim is rendered as ⋦

\longleftarrow is rendered as ⟵

\longleftrightarrow is rendered as ⟷

\longmapsto is rendered as ⟼

\longrightarrow is rendered as ⟶

\looparrowleft is rendered as ↫

\looparrowright is rendered as ↬

\lor is rendered as ∨

\lozenge is rendered as ◊

\ltimes is rendered as ⋉

\lvertneqq is rendered as ≨

\mapsto is rendered as ‐

\measuredangle is rendered as ∡

\mho is rendered as ℧

\mid is rendered as |

\mod is rendered as   mod

\models is rendered as ⊨

\mp is rendered as ∓

\mu is rendered as μ

\multimap is rendered as ⊸

\nLeftarrow is rendered as Ô

\nLeftrightarrow is rendered as Õ

\nRightarrow is rendered as Ö

\nVDash is rendered as ⊮

\nVdash is rendered as ⊮

\nabla is rendered as ∇

\natural is rendered as ♮

\ncong is rendered as ≇

\nearrow is rendered as ↗

\neg is rendered as ¬

\neq is rendered as ≠

\nexists is rendered as ∄

\ngeq is rendered as ≱

\ngeqq is rendered as ≱

\ngeqslant is rendered as ≱

\ngtr is rendered as ≯

\ni is rendered as ∋

\nleftarrow is rendered as ↚

\nleftrightarrow is rendered as ↮

\nleq is rendered as ≰

\nleqq is rendered as ≰

\nleqslant is rendered as ≰

\nless is rendered as ≮

\nmid is rendered as ∤

\nolimits is rendered for example as $\cap_a^b$

\not is rendered as /

\notin is rendered as ∉

\nparallel is rendered as ∦

\nprec is rendered as ⊀

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\npreceq is rendered as $\npreceq$

\nrightarrow is rendered as $\nrightarrow$

\nshortmid is rendered as $\nshortmid$

\nshortparallel is rendered as $\nshortparallel$

\nsim is rendered as $\nsim$

\nsubseteq is rendered as $\nsubseteq$

\nsubseteqq is rendered as $\nsubseteqq$

\nsucc is rendered as $\nsucc$

\nsucceq is rendered as $\nsucceq$

\nsupseteq is rendered as $\nsupseteq$

\nsupseteqq is rendered as $\nsupseteqq$

\ntriangleleft is rendered as $\ntriangleleft$

\ntrianglelefteq is rendered as $\ntrianglelefteq$

\ntriangleright is rendered as $\ntriangleright$

\ntrianglerighteq is rendered as $\ntrianglerighteq$

\nu is rendered as ν

\nvDash is rendered as $\nvDash$

\nvdash is rendered as $\nvdash$

\nwarrow is rendered as $\bullet$

\odot is rendered as $\odot$

\oiiint is rendered as $\oiiint$

\oiint is rendered as $\oiint$

\oint is rendered as $\oint$

\ointctrclockwise is rendered as $\oint$

\omega is rendered as ω

\ominus is rendered as $\ominus$

\oplus is rendered as $\oplus$

`\oslash` is rendered as $\oslash$

`\otimes` is rendered as $\otimes$

`\parallel` is rendered as $\parallel$

`\partial` is rendered as ∂

`\perp` is rendered as $\perp$

`\phi` is rendered as ϕ

`\pi` is rendered as π

`\pitchfork` is rendered as $\pitchfork$

`\pm` is rendered as $\pm$

`\prec` is rendered as $\prec$

`\precapprox` is rendered as $\precapprox$

`\preccurlyeq` is rendered as $\preccurlyeq$

`\preceq` is rendered as $\preceq$

`\precnapprox` is rendered as $\precnapprox$

`\precneqq` is rendered as $\precneqq$

`\precnsim` is rendered as $\precnsim$

`\precsim` is rendered as $\precsim$

`\prime` is rendered as $\prime$

`\prod` is rendered as $\prod$

`\projlim` is rendered as $\projlim$

`\propto` is rendered as $\propto$

`\psi` is rendered as ψ

`\qquad` is rendered as

`\quad` is rendered as

`\rVert` is rendered as $\rVert$

`\rho` is rendered as ρ

`\rightarrow` is rendered as ™

\rightarrowtail is rendered as ꜳ

\rightharpoondown is rendered as È

\rightharpoonup is rendered as Ç

\rightleftarrows is rendered as Ë

\rightrightarrows is rendered as Đ

\rightsquigarrow is rendered as ä

\rightthreetimes is rendered as ⋌

\risingdotseq is rendered as ≓

\rtimes is rendered as ⋊

\scriptscriptstyle is rendered as

\scriptstyle is rendered as

\searrow is rendered as Ÿ

\setminus is rendered as \

\sharp is rendered as ♯

\shortmid is rendered as ı

\shortparallel is rendered as ‖

\sigma is rendered as σ

\sim is rendered as ∼

\simeq is rendered as ≃

\smallfrown is rendered as ⌢

\smallsetminus is rendered as ╲

\smallsmile is rendered as ⌣

\smile is rendered as ⌣

\spadesuit is rendered as ♠

\sphericalangle is rendered as ∢

\sqcap is rendered as ⊓

\sqcup is rendered as ⊔

`\sqsubset` is rendered as ⊏

`\sqsubseteq` is rendered as ⊑

`\sqsupset` is rendered as ⊐

`\sqsupseteq` is rendered as ⊒

`\square` is rendered as □

`\star` is rendered as ⋆

`\subset` is rendered as ⊂

`\subseteq` is rendered as ⊆

`\subseteqq` is rendered as ⊆

`\subsetneq` is rendered as ⊊

`\subsetneqq` is rendered as ⊊

`\succ` is rendered as ≻

`\succapprox` is rendered as ⪰

`\succcurlyeq` is rendered as ≽

`\succeq` is rendered as ⪰

`\succnapprox` is rendered as ⪺

`\succneqq` is rendered as ⪶

`\succnsim` is rendered as ⋩

`\succsim` is rendered as ≿

`\sum` is rendered as $\sum$

`\supset` is rendered as ⊃

`\supseteq` is rendered as ⊇

`\supseteqq` is rendered as ⊇

`\supsetneq` is rendered as ⊋

`\supsetneqq` is rendered as ⊋

`\surd` is rendered as √

`\swarrow` is rendered as

`\tau` is rendered as τ

`\textstyle` is rendered as

`\therefore` is rendered as $\therefore$

`\theta` is rendered as θ

`\thickapprox` is rendered as $\approx$

`\thicksim` is rendered as $\sim$

`\times` is rendered as $\times$

`\to` is rendered as ™

`\top` is rendered as $\top$

`\triangle` is rendered as $\triangle$

`\triangledown` is rendered as $\triangledown$

`\triangleleft` is rendered as $\triangleleft$

`\trianglelefteq` is rendered as $\trianglelefteq$

`\triangleq` is rendered as $\triangleq$

`\triangleright` is rendered as $\triangleright$

`\trianglerighteq` is rendered as $\trianglerighteq$

`\upharpoonleft` is rendered as Æ

`\upharpoonright` is rendered as Å

`\uplus` is rendered as $\uplus$

`\upsilon` is rendered as υ

`\upuparrows` is rendered as Ï

`\vDash` is rendered as $\vDash$

`\varDelta` is rendered as $\varDelta$

`\varGamma` is rendered as $\varGamma$

`\varLambda` is rendered as $\varLambda$

`\varOmega` is rendered as $\varOmega$

`\varPhi` is rendered as $\varPhi$

\varPi is rendered as $\varPi$

\varSigma is rendered as $\varSigma$

\varTheta is rendered as $\varTheta$

\varUpsilon is rendered as $\varUpsilon$

\varXi is rendered as $\varXi$

\varepsilon is rendered as ε

\varinjlim is rendered as $\varinjlim$

\varkappa is rendered as $\varkappa$

\varliminf is rendered as $\varliminf$

\varlimsup is rendered as $\varlimsup$

\varnothing is rendered as $\varnothing$

\varointclockwise is rendered as $\varointclockwise$

\varphi is rendered as φ

\varpi is rendered as ϖ

\varprojlim is rendered as $\varprojlim$

\varpropto is rendered as $\varpropto$

\varrho is rendered as ϱ

\varsigma is rendered as ς

\varsubsetneq is rendered as $\varsubsetneq$

\varsubsetneqq is rendered as $\varsubsetneqq$

\varsupsetneq is rendered as $\varsupsetneq$

\varsupsetneqq is rendered as $\varsupsetneqq$

\vartheta is rendered as ϑ

\vartriangle is rendered as $\vartriangle$

\vartriangleleft is rendered as $\vartriangleleft$

\vartriangleright is rendered as $\vartriangleright$

\vdash is rendered as $\vdash$

\vdots is rendered as ⋮

\vee is rendered as ∨

\veebar is rendered as ⊻

\vline is rendered as |

\wedge is rendered as ∧

\wp is rendered as ℘

\wr is rendered as ≀

\xi is rendered as ξ

\zeta is rendered as ζ

2.24 Group nullary_macro_in_mbox

\AA is rendered as ∀

\Coppa is rendered as λ

\Digamma is rendered as Ϸ

\Koppa is rendered as λ

\Sampi is rendered as ν

\Stigma is rendered as µ

\coppa is rendered as ι

\euro is rendered as e

\geneuro is rendered as €

\geneuronarrow is rendered as €

\geneurowide is rendered as €

\koppa is rendered as θ

\officialeuro is rendered as e

\sampi is rendered as σ

\stigma is rendered as Σ

\textvisiblespace is rendered as

`\varstigma` is rendered as ϒ

2.25 **Group** other_delimiters1

`\Downarrow` is rendered as Ú

`\Uparrow` is rendered as Ø

`\Updownarrow` is rendered as Ü

`\Vert` is rendered as ‖

`\backslash` is rendered as \

`\downarrow` is rendered as š

`\langle` is rendered as ⟨

`\lbrace` is rendered as {

`\lbrack` is rendered as [

`\lceil` is rendered as ⌈

`\lfloor` is rendered as ⌊

`\llcorner` is rendered as ∟

`\lrcorner` is rendered as ⌟

`\rangle` is rendered as ⟩

`\rbrace` is rendered as }

`\rbrack` is rendered as]

`\rceil` is rendered as ⌉

`\rfloor` is rendered as ⌋

`\rightleftharpoons` is rendered as Ó

`\twoheadleftarrow` is rendered as ¥

`\twoheadrightarrow` is rendered as §

`\ulcorner` is rendered as ⌜

`\uparrow` is rendered as ~

`\updownarrow` is rendered as œ

`\urcorner` is rendered as ⌐

`\vert` is rendered as |

2.26   Group `other_delimiters2`

`\Darr` is rendered as Ú

`\Uarr` is rendered as Ø

`\dArr` is rendered as Ú

`\darr` is rendered as š

`\lang` is rendered as ⟨

`\rang` is rendered as ⟩

`\uArr` is rendered as Ø

`\uarr` is rendered as ~

2.27   Group `right_function`

`\right` is rendered as)