ASCII Forms of RSL Symbols

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ASCII Forms of Mathematical Symbols:

The display syntax of RSL uses a number of mathematical symbols like ∈ that are not available in the ASCII character set. In order for RSL to be put into text files (which are what the RAISE tool uses) there are ASCII equivalents for all the special symbols. These are shown in the following table:

ASCII	Full	ASCII	Full	ASCII	Full
`><`	$\times$	`isin`	$\in$	`~isin`	$\notin$
`||`	$\parallel$	`++`	$\dagger\!\!\dagger$	`-\`	λ
`|=|`	$\square$	`|^|`	$\bigsqcap$	`-list`	*
`**`	$\uparrow$	`-inflist`	$^\omega$	`~=`	$\neq$
`/\`	$\wedge$	`\/`	$\vee$	`+>`	$\mapsto$
`>=`	$\geq$	`exists`	$\exists$	`all`	$\forall$
`<=`	$\leq$	`union`	$\cup$	`!!`	$\dagger$
`inter`	$\cap$	`<<`	$\subset$	`always`	$\Box$
`-m->`	$\xrightarrow[m]{}$	`<<=`	$\subseteq$	`=>`	$\Rightarrow$
`-~->`	$\xrightarrow{\sim}$	`>>`	$\supset$	`is`	$\equiv$
`->`	$\rightarrow$	`>>=`	$\supseteq$	`<->`	$\leftrightarrow$
`#`	$\circ$	`<.`	$\langle$	`.>`	$\rangle$
`:-`	$\bullet$	`-~m->`	$\xrightarrow[m]{\sim}$		

ASCII Forms of Greek Letters

Greek letters, which may be used in identifiers, have ASCII forms as follows:

ASCII	Full	ASCII	Full
`` `alpha ``	α		
`` `beta ``	β		
`` `gamma ``	γ	`` `Gamma ``	Γ
`` `delta ``	δ	`` `Delta ``	Δ
`` `epsilon ``	ϵ		
`` `zeta ``	ζ		
`` `eta ``	η		
`` `theta ``	θ	`` `Theta ``	Θ
`` `iota ``	ι		
`` `kappa ``	κ		
		`` `Lambda ``	Λ
`` `mu ``	μ		
`` `nu ``	ν		
`` `xi ``	ξ	`` `Xi ``	Ξ
`` `pi ``	π	`` `Pi ``	Π
`` `rho ``	ρ		
`` `sigma ``	σ	`` `Sigma ``	Σ
`` `tau ``	τ		
`` `upsilon ``	υ	`` `Upsilon ``	Υ
`` `phi ``	ϕ	`` `Phi ``	Φ
`` `chi ``	χ		
`` `psi ``	ψ	`` `Psi ``	Ψ
`` `omega ``	ω	`` `Omega ``	Ω