Logiweb codex of frozen

frozen

[frozen $\overset{\text{prio}}{\rightarrow}$

Preassociative

[frozen], [base], [bracket $*$ end bracket], [big bracket $*$ end bracket], [\$ $*$ \$],

[**flush left** [$*$]], [x], [y], [z], [[$* \bowtie *$]], [[$* \overset{*}{\rightarrow} *$]], [pyk], [tex], [name], [prio], [$*$], [T],

[if$(*, *, *)$], [[$* \overset{*}{\Rightarrow} *$]], [val], [claim], [$\bot$], [f$(*)$], [$(*)^{\mathrm{I}}$], [F], [$\underline{0}$], [$\underline{1}$], [$\underline{2}$], [$\underline{3}$], [$\underline{4}$], [$\underline{5}$], [$\underline{6}$],

[$\underline{7}$], [$\underline{8}$], [$\underline{9}$], [0], [1], [2], [3], [4], [5], [6], [7], [8], [9], [a], [b], [c], [d], [e], [f], [g], [h], [i], [j],

[k], [l], [m], [n], [o], [p], [q], [r], [s], [t], [u], [v], [w], [$(*)^{\mathrm{M}}$], [If$(*, *, *)$],

[array$\{*\}$ $*$ end array], [l], [c], [r], [empty], [$\langle * \mid * := *\rangle$], [$\mathcal{M}(*)$], [$\tilde{\mathcal{U}}(*)$], [$\mathcal{U}(*)$],

[$\mathcal{U}^{\mathrm{M}}(*)$], [**apply**$(*, *)$], [**apply**$_1(*, *)$], [identifier$(*)$], [identifier$_1(*, *)$], [array-plus$(*, *)$], [array-remove$(*, *, *)$], [array-put$(*, *, *)$], [array-add$(*, *, *, *, *)$],

[bit$(*, *)$], [bit$_1(*, *)$], [rack], ["vector"], ["bibliography"], ["dictionary"],

["body"], ["codex"], ["expansion"], ["code"], ["cache"], ["diagnose"], ["pyk"],

["tex"], ["texname"], ["value"], ["message"], ["macro"], ["definition"],

["unpack"], ["claim"], ["priority"], ["lambda"], ["apply"], ["true"], ["if"],

["quote"], ["proclaim"], ["define"], ["introduce"], ["hide"], ["pre"], ["post"],

[$\mathcal{E}(*, *, *)$], [$\mathcal{E}_2(*, *, *, *, *)$], [$\mathcal{E}_3(*, *, *, *)$], [$\mathcal{E}_4(*, *, *, *)$], [**lookup**$(*, *, *)$],

[**abstract**$(*, *, *, *)$], [[$\ulcorner * \urcorner$]], [$\mathcal{M}(*, *, *)$], [$\mathcal{M}_2(*, *, *, *)$], [$\mathcal{M}^*(*, *, *)$], [macro],

[s_0], [**zip**$(*, *)$], [**assoc**$_1(*, *, *)$], [$(*)^{\mathbf{P}}$], [self], [[$* \overset{..}{=} *$]], [[$* \overset{.}{=} *$]], [[$* \overset{\frown}{=} *$]],

[[$* \overset{\text{pyk}}{=} *$]], [[$* \overset{\text{tex}}{=} *$]], [[$* \overset{\text{name}}{=} *$]], [**Priority table**[$*$]], [$\tilde{\mathcal{M}}_1$], [$\tilde{\mathcal{M}}_2(*)$], [$\tilde{\mathcal{M}}_3(*)$],

[$\tilde{\mathcal{M}}_4(*, *, *, *)$], [$\tilde{\mathcal{M}}(*, *, *)$], [$\tilde{\mathcal{Q}}(*, *, *)$], [$\tilde{\mathcal{Q}}_2(*, *, *)$], [$\tilde{\mathcal{Q}}_3(*, *, *, *)$], [$\tilde{\mathcal{Q}}^*(*, *, *)$],

[$(*)$], [$[(*)$], [display$(*)$], [statement$(*)$], [[$* \rbrack \cdot$]], [[$* \rbrack^-$], [**aspect**$(*, *)$],

[**aspect**$(*, *, *)$], [$\langle *\rangle$], [**tuple**$_1(*)$], [**tuple**$_2(*)$], [let$_2(*, *)$], [let$_1(*, *)$],

[[$* \overset{\text{claim}}{=} *$]], [checker], [**check**$(*, *)$], [**check**$_2(*, *, *)$], [**check**$_3(*, *, *)$],

[**check**$^*(*, *)$], [**check**$_2^*(*, *, *)$], [[$* \rbrack \cdot$], [[$* \rbrack^-$], [[$* \rbrack^\circ$], [msg], [[$* \overset{\text{msg}}{=} *$]], [<stmt>],

[stmt], [[$* \overset{\text{stmt}}{\rightarrow} *$]], [HeadNil$'$], [HeadPair$'$], [Transitivity$'$], [$\bot\!\!\bot$], [Contra$'$], [T$'_{\mathrm{E}}$],

[L$_1$], [$\underline{*}$], [$\mathcal{A}$], [$\mathcal{B}$], [$\mathcal{C}$], [$\mathcal{D}$], [$\mathcal{E}$], [$\mathcal{F}$], [$\mathcal{G}$], [$\mathcal{H}$], [$\mathcal{I}$], [$\mathcal{J}$], [$\mathcal{K}$], [$\mathcal{L}$], [$\mathcal{M}$], [$\mathcal{N}$], [$\mathcal{O}$], [$\mathcal{P}$], [$\mathcal{Q}$],

[$\mathcal{R}$], [$\mathcal{S}$], [$\mathcal{T}$], [$\mathcal{U}$], [$\mathcal{V}$], [$\mathcal{W}$], [$\mathcal{X}$], [$\mathcal{Y}$], [$\mathcal{Z}$], [$\langle * \mid * := *\rangle$], [$\langle {}^* * \mid * := *\rangle$], [$\emptyset$], [Remainder],

[$(*)^{\mathbf{v}}$], [intro$(*, *, *, *)$], [intro$(*, *, *)$], [error$(*, *)$], [error$_2(*, *)$], [proof$(*, *, *)$],

[proof$_2(*, *)$], [$\mathcal{S}(*, *)$], [$\mathcal{S}^{\mathrm{I}}(*, *)$], [$\mathcal{S}^{\triangleright}(*, *)$], [$\mathcal{S}_1^{\triangleright}(*, *, *)$], [$\mathcal{S}^{\mathrm{E}}(*, *)$], [$\mathcal{S}_1^{\mathrm{E}}(*, *, *)$],

[$\mathcal{S}^+(*, *)$], [$\mathcal{S}_1^+(*, *, *)$], [$\mathcal{S}^-(*, *)$], [$\mathcal{S}_1^-(*, *, *)$], [$\mathcal{S}^*(*, *)$], [$\mathcal{S}_1^*(*, *, *)$],

[$\mathcal{S}_2^*(*, *, *, *)$], [$\mathcal{S}^@(*, *)$], [$\mathcal{S}_1^@(*, *, *)$], [$\mathcal{S}^\vdash(*, *)$], [$\mathcal{S}_1^\vdash(*, *, *, *)$], [$\mathcal{S}^\Vdash(*, *)$],

[$\mathcal{S}_1^\Vdash(*, *, *, *)$], [$\mathcal{S}^{\text{i.e.}}(*, *)$], [$\mathcal{S}_1^{\text{i.e.}}(*, *, *, *)$], [$\mathcal{S}_2^{\text{i.e.}}(*, *, *, *, *)$], [$\mathcal{S}^\forall(*, *)$],

$[\mathcal{S}_1^\forall(*,*,*,*)], [\mathcal{S}^{:}(*,*)], [\mathcal{S}_1^{:}(*,*,*)], [\mathcal{S}_2^{:}(*,*,*,*)], [\mathcal{T}(*)], [\text{claims}(*,*,*)],$
$[\text{claims}_2(*,*,*)], [<\text{proof}>], [\text{proof}], [[\textbf{Lemma } *\negthinspace:\negthinspace*]], [[\textbf{Proof of } *\negthinspace:\negthinspace*]],$
$[[* \textbf{ lemma } *\negthinspace:\negthinspace*]], [[* \textbf{ antilemma } *\negthinspace:\negthinspace*]], [[* \textbf{ rule } *\negthinspace:\negthinspace*]], [[* \textbf{ antirule } *\negthinspace:\negthinspace*]],$
$[\text{verifier}], [\mathcal{V}_1(*)], [\mathcal{V}_2(*,*)], [\mathcal{V}_3(*,*,*,*)], [\mathcal{V}_4(*,*)], [\mathcal{V}_5(*,*,*,*)], [\mathcal{V}_6(*,*,*,*)],$
$[\mathcal{V}_7(*,*,*,*)], [\text{Cut}(*,*)], [\text{Head}_\oplus(*)], [\text{Tail}_\oplus(*)], [\text{rule}_1(*,*)], [\text{rule}(*,*)],$
$[\text{Rule tactic}], [\text{Plus}(*,*)], [[\textbf{Theory } *]], [\text{theory}_2(*,*)], [\text{theory}_3(*,*)],$
$[\text{theory}_4(*,*,*)], [\text{HeadNil}''], [\text{HeadPair}''], [\text{Transitivity}''], [\text{Contra}''], [\text{HeadNil}],$
$[\text{HeadPair}], [\text{Transitivity}], [\text{Contra}], [\text{T}_\text{E}], [\text{ragged right}],$
$[\text{ragged right expansion }], [\text{parm}(*,*,*)], [\text{parm}^*(*,*,*)], [\text{inst}(*,*)],$
$[\text{inst}^*(*,*)], [\text{occur}(*,*,*)], [\text{occur}^*(*,*,*)], [\text{unify}(* = *,*)], [\text{unify}^*(* = *,*)],$
$[\text{unify}_2(* = *,*)], [\text{L}_\text{a}], [\text{L}_\text{b}], [\text{L}_\text{c}], [\text{L}_\text{d}], [\text{L}_\text{e}], [\text{L}_\text{f}], [\text{L}_\text{g}], [\text{L}_\text{h}], [\text{L}_\text{i}], [\text{L}_\text{j}], [\text{L}_\text{k}], [\text{L}_\text{l}], [\text{L}_\text{m}],$
$[\text{L}_\text{n}], [\text{L}_\text{o}], [\text{L}_\text{p}], [\text{L}_\text{q}], [\text{L}_\text{r}], [\text{L}_\text{s}], [\text{L}_\text{t}], [\text{L}_\text{u}], [\text{L}_\text{v}], [\text{L}_\text{w}], [\text{L}_\text{x}], [\text{L}_\text{y}], [\text{L}_\text{z}], [\text{L}_\text{A}], [\text{L}_\text{B}], [\text{L}_\text{C}],$
$[\text{L}_\text{D}], [\text{L}_\text{E}], [\text{L}_\text{F}], [\text{L}_\text{G}], [\text{L}_\text{H}], [\text{L}_\text{I}], [\text{L}_\text{J}], [\text{L}_\text{K}], [\text{L}_\text{L}], [\text{L}_\text{M}], [\text{L}_\text{N}], [\text{L}_\text{O}], [\text{L}_\text{P}], [\text{L}_\text{Q}], [\text{L}_\text{R}],$
$[\text{L}_\text{S}], [\text{L}_\text{T}], [\text{L}_\text{U}], [\text{L}_\text{V}], [\text{L}_\text{W}], [\text{L}_\text{X}], [\text{L}_\text{Y}], [\text{L}_\text{Z}], [\text{L}_?], [\text{Reflexivity}], [\text{Reflexivity}_1],$
$[\text{Commutativity}], [\text{Commutativity}_1], [<\text{tactic}>], [\text{tactic}], [[* \overset{\text{tactic}}{=} *]], [\mathcal{P}(*,*,*)],$
$[\mathcal{P}^*(*,*,*)], [\text{p}_0], [\text{conclude}_1(*,*)], [\text{conclude}_2(*,*,*)], [\text{conclude}_3(*,*,*,*)],$
$[\text{conclude}_4(*,*)], [\text{check}], [[* \overset{\circ}{=} *]], [\text{RootVisible}(*)], [\text{A}], [\text{R}], [\text{C}], [\text{T}], [\text{L}], [\{*\}], [\overline{*}],$
$[a], [b], [c], [d], [e], [f], [g], [h], [i], [j], [k], [l], [m], [n], [o], [p], [q], [r], [s], [t], [u], [v],$
$[w], [x], [y], [z], [\langle *\equiv * | * := *\rangle], [\langle *\equiv^0 * | * := *\rangle], [\langle *\equiv^1 * | * := *\rangle], [\langle *\equiv^* * | * := *\rangle],$
$[\text{Ded}(*,*)], [\text{Ded}_0(*,*)], [\text{Ded}_1(*,*,*)], [\text{Ded}_2(*,*,*)], [\text{Ded}_3(*,*,*,*)],$
$[\text{Ded}_4(*,*,*)], [\text{Ded}_4^*(*,*,*)], [\text{Ded}_5(*,*,*)], [\text{Ded}_6(*,*,*,*)],$
$[\text{Ded}_6^*(*,*,*)], [\text{Ded}_7(*)], [\text{Ded}_8(*,*)], [\text{Ded}_8^*(*,*)], [\text{S}], [\text{Neg}], [\text{MP}], [\text{Gen}],$
$[\text{Ded}], [\text{S1}], [\text{S2}], [\text{S3}], [\text{S4}], [\text{S5}], [\text{S6}], [\text{S7}], [\text{S8}], [\text{S9}], [\text{Repetition}], [\text{A1}'], [\text{A2}'], [\text{A4}'],$
$[\text{A5}'], [\text{Prop 3.2a}], [\text{Prop 3.2b}], [\text{Prop 3.2c}], [\text{Prop 3.2d}], [\text{Prop 3.2e}_1],$
$[\text{Prop 3.2e}_2], [\text{Prop 3.2e}], [\text{Prop 3.2f}_1], [\text{Prop 3.2f}_2], [\text{Prop 3.2f}], [\text{Prop 3.2g}_1],$
$[\text{Prop 3.2g}_2], [\text{Prop 3.2g}], [\text{Prop 3.2h}_1], [\text{Prop 3.2h}_2], [\text{Prop 3.2h}],$
$[\text{Block}_1(*,*,*)], [\text{Block}_2(*)], [(*)], [\text{ExpandList}(*,*,*)], [\text{Tester}], [\text{Tester2},$
$[\text{Tester3}], [\text{Tester4}], [\text{Tester5}], [\text{Tester6}];$

Preassociative

$[*_\text{-}\{*\}], [*/\text{indexintro}(*,*,*,*)], [*/\text{intro}(*,*,*)], [*/\text{bothintro}(*,*,*,*,*)],$
$[*/\text{nameintro}(*,*,*,*)], [*'], [*[\,*\,]], [*[*\rightarrow*]], [*[*\Rightarrow*]], [*0], [*1], [0b], [*\text{-color}(*)],$
$[*\text{-color}^*(*)], [*^\text{H}], [*^\text{T}], [*^\text{U}], [*^\text{h}], [*^\text{t}], [*^\text{s}], [*^\text{c}], [*^\text{d}], [*^\text{a}], [*^\text{C}], [*^\text{M}], [*^\text{B}], [*^\text{r}], [*^\text{i}],$
$[*^\text{d}], [*^\text{R}], [*^0], [*^1], [*^2], [*^3], [*^4], [*^5], [*^6], [*^7], [*^8], [*^9], [*^\text{E}], [*^\mathcal{V}], [*^\mathcal{C}], [*^{\mathcal{C}^*}],$
$[*^\text{hide}];$

Preassociative

$[``\,*\,"], [], [(*)^\textbf{t}], [\text{string}(*) + *], [\text{string}(*) ++ *], [$
$*], [\ *], [!*], [\texttt{"}*], [\#*], [\$*], [\%*], [\&*], [\text{'}*], [(*], [)*], [**], [+*], [,*], [-*], [.*], [/*],$
$[0*], [1*], [2*], [3*], [4*], [5*], [6*], [7*], [8*], [9*], [:*], [;*], [<*], [=*], [>*], [?*],$
$[@*], [A*], [B*], [C*], [D*], [E*], [F*], [G*], [H*], [I*], [J*], [K*], [L*], [M*], [N*],$
$[O*], [P*], [Q*], [R*], [S*], [T*], [U*], [V*], [W*], [X*], [Y*], [Z*], [[*], [\backslash*], []*], [\hat{\ }*],$
$[\_*], [`*], [a*], [b*], [c*], [d*], [e*], [f*], [g*], [h*], [i*], [j*], [k*], [l*], [m*], [n*], [o*],$
$[p*], [q*], [r*], [s*], [t*], [u*], [v*], [w*], [x*], [y*], [z*], [\{*], [|*], [\}*], [\tilde{\ }*],$
$[\textbf{Preassociative } *; *], [\textbf{Postassociative } *; *], [[*], *], [\text{priority} * \text{end}],$
$[\text{newline} *], [\text{macro newline} *], [\text{MacroIndent}(*)];$

Preassociative

$[* \text{'} *], [* \text{`} *]$;
Preassociative
$[*']$;
Preassociative
$[* \cdot *], [* \cdot_0 *]$;
Preassociative
$[* + *], [* +_0 *], [* +_1 *], [* - *], [* -_0 *], [* -_1 *]$;
Preassociative
$[* \cup \{*\}], [* \cup *], [* \backslash \{*\}]$;
Postassociative
$[* \therefore *], [* \underset{\cdot}{\therefore} *], [* \underline{::} *], [* \underline{+2*} *], [* :: *], [* +2* *]$;
Postassociative
$[*, *]$;
Preassociative
$[* \overset{\mathrm{B}}{\approx} *], [* \overset{\mathrm{C}}{\approx} *], [* \overset{\mathrm{D}}{\approx} *], [* \overset{\mathrm{P}}{\approx} *], [* \approx *], [* = *], [* \overset{+}{\rightarrow} *], [* \overset{\mathrm{t}}{=} *], [* \overset{\mathrm{t}^*}{=} *], [* \overset{\mathrm{r}}{=} *],$
$[* \in_{\mathrm{t}} *], [* \subseteq_{\mathrm{T}} *], [* \overset{\mathrm{T}}{=} *], [* \overset{\mathrm{s}}{=} *], [* \text{ free in } *], [* \text{ free in}^* *], [* \text{ free for } * \text{ in } *],$
$[* \text{ free for}^* * \text{ in } *], [* \in_{\mathrm{c}} *], [* < *], [* <' *], [* \leq' *], [* = *], [* \neq *], [*^{\mathrm{var}}],$
$[*\#^0 *], [*\#^1 *], [*\#^* *]$;
Preassociative
$[\neg *]$;
Preassociative
$[* \wedge *], [* \ddot{\wedge} *], [* \tilde{\wedge} *], [* \wedge_{\mathrm{c}} *]$;
Preassociative
$[* \vee *], [* \| *], [* \ddot{\vee} *]$;
Preassociative
$[\exists *\colon *], [\forall *\colon *], [\forall_{\mathrm{obj}} *\colon *]$;
Postassociative
$[* \ddot{\Rightarrow} *], [* \Rightarrow *], [* \Leftrightarrow *]$;
Postassociative
$[* : *], [* \text{ spy } *], [*!*]$;
Preassociative
$[* \left\{ \begin{array}{c} * \\ * \end{array} \right.]$;
Preassociative
$[\lambda * . *], [\Lambda * . *], [\Lambda *], [\textbf{if } * \textbf{ then } * \textbf{ else } *], [\textbf{let } * = * \textbf{ in } *], [\textbf{let } * \overset{.}{=} * \text{ in } *]$;
Preassociative
$[* \# *]$;
Preassociative
$[*^{\mathrm{I}}], [*^{\triangleright}], [*^{\mathrm{V}}], [*^+], [*^-], [*^*]$;
Preassociative
$[* @ *], [* \triangleright *], [* \blacktriangleright *], [* \gg *], [* \unrhd *]$;
Postassociative
$[* \vdash *], [* \Vdash *], [* \text{ i.e. } *]$;
Preassociative
$[\forall *\colon *], [\Pi *\colon *]$;

Postassociative
$[* \oplus *];$
Postassociative
$[*; *];$
Preassociative
$[* \text{ proves } *];$
Preassociative
$[* \textbf{ proof of } * : *], [\text{Line} * : * \gg *; *], [\text{Last line} * \gg * \square],$
$[\text{Line} * : \text{Premise} \gg *; *], [\text{Line} * : \text{Side-condition} \gg *; *], [\text{Arbitrary} \gg *; *],$
$[\text{Local} \gg * = *; *], [\text{Begin} *; * : \text{End}; *], [\text{Last block line} * \gg *;],$
$[\text{Arbitrary} \gg *; *];$
Postassociative
$[* \mid *];$
Postassociative
$[* , *], [*[\, * \,]*];$
Preassociative
$[*\&*];$
Preassociative
$[*\backslash\backslash*], [* \text{ linebreak}[4] \, *], [*\backslash\backslash*];]$

$[\text{frozen} \overset{\text{tex}}{\rightarrow} \text{"frozen"}]$

$[\text{frozen} \overset{\text{pyk}}{\rightarrow} \text{"frozen"}]$

$(*)$

$[(\mathsf{x}) \overset{\text{macro}}{\rightarrow} \lambda\mathsf{t}.\lambda\mathsf{s}.\lambda\mathsf{c}.\tilde{\mathcal{M}}_4(\mathsf{t}, \mathsf{s}, \mathsf{c}, \lceil[(\mathsf{x}) \overset{.}{=} (\mathsf{x})]\rceil)]$

$[(\mathsf{x}) \overset{\text{tex}}{\rightarrow} \text{"(\#1.}$
$\text{)"}]$

$[(*) \overset{\text{pyk}}{\rightarrow} \text{"(")"}]$

$\text{ExpandList}(*, *, *)$

$[\text{ExpandList}(\mathsf{t}, \mathsf{s}, \mathsf{c}) \overset{\text{val}}{\rightarrow} \mathsf{t!s!c!If}(\mathsf{t}^\mathsf{a}, \mathsf{T}, \tilde{\mathcal{M}}(\mathsf{t}^\mathsf{h}, \mathsf{s}, \mathsf{c}) :: \text{ExpandList}(\mathsf{t}^\mathsf{t}, \mathsf{s}, \mathsf{c}))]$

$[\text{ExpandList}(\mathsf{x}, \mathsf{y}, \mathsf{z}) \overset{\text{tex}}{\rightarrow} \text{"ExpandList}(\#1.$
$, \#2.$
$, \#3.$
$\text{)"}]$

$[\text{ExpandList}(*, *, *) \overset{\text{pyk}}{\rightarrow} \text{"expandList(" , " , ")"}]$

Tester

[Tester $\overset{\text{tex}}{\to}$ "Tester"]

[Tester $\overset{\text{pyk}}{\to}$ "tester"]

Tester2

[Tester2 $\overset{\text{tex}}{\to}$ "Tester2"]

[Tester2 $\overset{\text{pyk}}{\to}$ "tester2"]

Tester3

[Tester3 $\overset{\text{tex}}{\to}$ "Tester3"]

[Tester3 $\overset{\text{pyk}}{\to}$ "tester3"]

Tester4

[Tester4 $\overset{\text{tex}}{\to}$ "Tester4"]

[Tester4 $\overset{\text{pyk}}{\to}$ "tester4"]

Tester5

[Tester5 $\overset{\text{tex}}{\to}$ "Tester5"]

[Tester5 $\overset{\text{pyk}}{\to}$ "tester5"]

Tester6

[Tester6 $\overset{\text{tex}}{\to}$ "Tester6"]

[Tester6 $\overset{\text{pyk}}{\to}$ "tester6"]