Udkast til Logiweb rapport, version 0.01

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Contents

1 Sammenfatning

Tekst kommer her ...
[2+2=4] [2+2=5]

2 Indledning

Præsentation af opgaven - formål, begrundelse mm. Kort om domænet - logik i sprog, matematik, datalogi ... argumentation, retorik, bevisteknikker

3 Værktøjer, rammer

Kort beskrivelse af logiweb systemet og sproget pyk

5 Beviser

beviserne - kommenteret skridt for skridt

6 Konklusion

Resultatet hvad sætningen kan bruges til

7 Litteraturliste

8 Historie

0.01 Hello world 0.02 Flettet prioritetstabel ... 0.03 disposition til rapport

9 Pyk definitions

([test $\overset{\text{pyk}}{\mapsto}$ "test"]
)$^{\mathbf{P}}$

10 Priority table

Priority table
Preassociative
$[test], [base], [bracket * end bracket], [big bracket * end bracket], [\$ * \$],$
$[\textbf{flush left } [*]], [\mathsf{x}], [\mathsf{y}], [\mathsf{z}], [[* \bowtie *]], [[* \overset{*}{\Rightarrow} *]], [pyk], [tex], [name], [prio], [*], [\mathsf{T}],$
$[if(*, *, *)], [[* \overset{*}{\Rightarrow} *]], [val], [claim], [\bot], [f(*)], [(*)^I], [\mathsf{F}], [\underline{0}], [\underline{1}], [\underline{2}], [\underline{3}], [\underline{4}], [\underline{5}], [\underline{6}],$
$[\underline{7}], [\underline{8}], [\underline{9}], [0], [1], [2], [3], [4], [5], [6], [7], [8], [9], [\mathsf{a}], [\mathsf{b}], [\mathsf{c}], [\mathsf{d}], [\mathsf{e}], [\mathsf{f}], [\mathsf{g}], [\mathsf{h}], [\mathsf{i}], [\mathsf{j}],$
$[\mathsf{k}], [\mathsf{l}], [\mathsf{m}], [\mathsf{n}], [\mathsf{o}], [\mathsf{p}], [\mathsf{q}], [\mathsf{r}], [\mathsf{s}], [\mathsf{t}], [\mathsf{u}], [\mathsf{v}], [\mathsf{w}], [(*)^M], [If(*, *, *)],$
$[array\{*\} * end array], [\mathsf{l}], [\mathsf{c}], [\mathsf{r}], [empty], [\langle * \mid * := * \rangle], [\mathcal{M}(*)], [\tilde{\mathcal{U}}(*)], [\mathcal{U}(*)],$
$[\mathcal{U}^M(*)], [\textbf{apply}(*, *)], [\textbf{apply}_1(*, *)], [identifier(*)], [identifier_1(*, *)], [array\text{-}$
$plus(*, *)], [array\text{-}remove(*, *, *)], [array\text{-}put(*, *, *, *)], [array\text{-}add(*, *, *, *, *)],$
$[bit(*, *)], [bit_1(*, *)], [rack], ["vector"], ["bibliography"], ["dictionary"],$
$["body"], ["codex"], ["expansion"], ["code"], ["cache"], ["diagnose"], ["pyk"],$
$["tex"], ["texname"], ["value"], ["message"], ["macro"], ["definition"],$
$["unpack"], ["claim"], ["priority"], ["lambda"], ["apply"], ["true"], ["if"],$
$["quote"], ["proclaim"], ["define"], ["introduce"], ["hide"], ["pre"], ["post"],$
$[\mathcal{E}(*, *, *)], [\mathcal{E}_2(*, *, *, *, *)], [\mathcal{E}_3(*, *, *, *)], [\mathcal{E}_4(*, *, *, *)], [\textbf{lookup}(*, *, *)],$
$[\textbf{abstract}(*, *, *, *)], [[\ulcorner * \urcorner]], [\mathcal{M}(*, *, *)], [\mathcal{M}_2(*, *, *, *)], [\mathcal{M}^*(*, *, *)], [macro],$

[[*]⁴(∗, ∗, ∗)], [[*]⁵(∗, ∗, ∗)], [ℒ(∗, ∗, ∗)], [ℒ₂(∗, ∗, ∗)], [ℒ₃(∗, ∗, ∗)],
[(∗)], [(∗)], [display(∗)], [statement(∗)], [[∗]`], [[∗]⁻], [**aspect**(∗, ∗)],
[**aspect**(∗, ∗, ∗)], [⟨∗⟩], [**tuple₁**(∗)], [**tuple₂**(∗)], [let₂(∗, ∗)], [let₁(∗, ∗)],
[[∗ $\overset{\text{claim}}{=}$ ∗]], [checker], [**check**(∗, ∗)], [**check₂**(∗, ∗, ∗)], [**check₃**(∗, ∗, ∗)],
[**check***(∗, ∗)], [**check***₂(∗, ∗, ∗)], [[∗]`], [[∗]⁻], [[∗]°], [msg], [[∗ $\overset{\text{msg}}{=}$ ∗]], [<stmt>],
[stmt], [[∗ $\overset{\text{stmt}}{=}$ ∗]], [HeadNil′], [HeadPair′], [Transitivity′], [⊥], [Contra′], [T′ₑ],
[L₁], [∗], [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], [⟨∗ | ∗ := ∗⟩], [⟨*∗ | ∗ := ∗⟩], [∅], [Remainder],
[(∗)ᵛ], [intro(∗, ∗, ∗, ∗)], [intro(∗, ∗, ∗)], [error(∗, ∗)], [error₂(∗, ∗)], [proof(∗, ∗, ∗)],
[proof₂(∗, ∗)], [𝒮(∗, ∗)], [𝒮ᴵ(∗, ∗)], [𝒮▷(∗, ∗)], [𝒮₁▷(∗, ∗, ∗)], [𝒮ᴱ(∗, ∗)], [𝒮₁ᴱ(∗, ∗, ∗)],
[𝒮⁺(∗, ∗)], [𝒮₁⁺(∗, ∗, ∗)], [𝒮⁻(∗, ∗)], [𝒮₁⁻(∗, ∗, ∗)], [𝒮*(∗, ∗)], [𝒮₁*(∗, ∗, ∗)],
[𝒮₂*(∗, ∗, ∗, ∗)], [𝒮@(∗, ∗)], [𝒮₁@(∗, ∗, ∗)], [𝒮⊢(∗, ∗)], [𝒮₁⊢(∗, ∗, ∗)], [𝒮⊩(∗, ∗)],
[𝒮₁⊩(∗, ∗, ∗, ∗)], [𝒮ⁱ·ᵉ·(∗, ∗)], [𝒮₁ⁱ·ᵉ·(∗, ∗, ∗, ∗)], [𝒮₂ⁱ·ᵉ·(∗, ∗, ∗, ∗, ∗)], [𝒮∀(∗, ∗)],
[𝒮₁∀(∗, ∗, ∗, ∗)], [𝒮;(∗, ∗)], [𝒮₁;(∗, ∗, ∗)], [𝒮₂;(∗, ∗, ∗, ∗)], [𝒯(∗)], [claims(∗, ∗, ∗)],
[claims₂(∗, ∗, ∗)], [<proof>], [proof], [[**Lemma** ∗:∗]], [[**Proof of** ∗:∗]],
[[∗ **lemma** ∗:∗]], [[∗ **antilemma** ∗:∗]], [[∗ **rule** ∗:∗]], [[∗ **antirule** ∗:∗]],
[verifier], [𝒱₁(∗)], [𝒱₂(∗, ∗)], [𝒱₃(∗, ∗, ∗, ∗)], [𝒱₄(∗, ∗)], [𝒱₅(∗, ∗, ∗, ∗)], [𝒱₆(∗, ∗, ∗, ∗)],
[𝒱₇(∗, ∗, ∗, ∗)], [Cut(∗, ∗)], [Head⊕(∗)], [Tail⊕(∗)], [rule₁(∗, ∗)], [rule(∗, ∗)],
[Rule tactic], [Plus(∗, ∗)], [[**Theory** ∗]], [theory₂(∗, ∗)], [theory₃(∗, ∗)],
[theory₄(∗, ∗)], [HeadNil″], [HeadPair″], [Transitivity″], [Contra″], [HeadNil],
[HeadPair], [Transitivity], [Contra], [Tₑ], [ragged right],
[ragged right expansion], [parm(∗, ∗, ∗)], [parm*(∗, ∗, ∗)], [inst(∗, ∗)],
[inst*(∗, ∗)], [occur(∗, ∗, ∗)], [occur*(∗, ∗, ∗)], [unify(∗ = ∗, ∗)], [unify*(∗ = ∗, ∗)],
[unify₂(∗ = ∗, ∗)], [Lₐ], [L_b], [L_c], [L_d], [L_e], [L_f], [L_g], [L_h], [L_i], [L_j], [L_k], [L_l], [L_m],
[L_n], [L_o], [L_p], [L_q], [L_r], [L_s], [L_t], [L_u], [L_v], [L_w], [L_x], [L_y], [L_z], [L_A], [L_B], [L_C],
[L_D], [L_E], [L_F], [L_G], [L_H], [L_I], [L_J], [L_K], [L_L], [L_M], [L_N], [L_O], [L_P], [L_Q], [L_R],
[L_S], [L_T], [L_U], [L_V], [L_W], [L_X], [L_Y], [L_Z], [L_?], [Reflexivity], [Reflexivity₁],
[Commutativity], [Commutativity₁], [<tactic>], [tactic], [[∗ $\overset{\text{tactic}}{=}$ ∗]], [𝒫(∗, ∗, ∗)],
[𝒫*(∗, ∗, ∗)], [p₀], [conclude₁(∗, ∗)], [conclude₂(∗, ∗, ∗)], [conclude₃(∗, ∗, ∗, ∗)],
[conclude₄(∗, ∗)], [check], [[∗ $\overset{\circ}{=}$ ∗]], [RootVisible(∗)], [A], [R], [C], [T], [L], [{∗}], [∗̄],
[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], [⟨∗≡∗ | ∗:=∗⟩], [⟨∗≡⁰∗ | ∗:=∗⟩], [⟨∗≡¹∗ | ∗:=∗⟩], [⟨∗≡*∗ | ∗:=∗⟩],
[Ded(∗, ∗)], [Ded₀(∗, ∗)], [Ded₁(∗, ∗, ∗)], [Ded₂(∗, ∗, ∗)], [Ded₃(∗, ∗, ∗, ∗)],
[Ded₄(∗, ∗, ∗, ∗)], [Ded₄*(∗, ∗, ∗, ∗)], [Ded₅(∗, ∗, ∗)], [Ded₆(∗, ∗, ∗, ∗)],
[Ded₆*(∗, ∗, ∗, ∗)], [Ded₇(∗)], [Ded₈(∗, ∗)], [Ded₈*(∗, ∗)], [S], [Neg], [MP], [Gen],
[Ded], [S1], [S2], [S3], [S4], [S5], [S6], [S7], [S8], [S9], [Repetition], [A1′], [A2′], [A4′],
[A5′], [Prop 3.2a], [Prop 3.2b], [Prop 3.2c], [Prop 3.2d], [Prop 3.2e₁], [Prop 3.2e₂],
[Prop 3.2e], [Prop 3.2f₁], [Prop 3.2f₂], [Prop 3.2f], [Prop 3.2g₁], [Prop 3.2g₂],
[Prop 3.2g], [Prop 3.2h₁], [Prop 3.2h₂], [Prop 3.2h], [Block₁(∗, ∗, ∗)], [Block₂(∗)];
Preassociative
[∗_{∗}], [∗/indexintro(∗, ∗, ∗, ∗)], [∗/intro(∗, ∗, ∗)], [∗/bothintro(∗, ∗, ∗, ∗, ∗)],
[∗/nameintro(∗, ∗, ∗, ∗)], [∗′], [∗[∗]], [∗[∗→∗]], [∗[∗⇒∗]], [∗0], [∗1], [0b], [∗-color(∗)],

[" * "], [], [(*)**t**], [string(*) + *], [string(*) ++ *], [
*], [*], [!*], ["*], [#*], [\$*], [%*], [&*], ['*], [(*], [)*], [**], [+*], [, *], [-*], [.*], [/*],
[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*], [[*], [*], []*], [^*],
[_*], ['*], [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*], [{*], [|*], [}*], [~*],
[**Preassociative** *; *], [**Postassociative** *; *], [[*], *], [priority * end],
[newline *], [macro newline *];
Preassociative
[* ' *], [* ` *];
Preassociative
[* · *], [* ·$_0$ *];
Preassociative
[* + *], [* +$_0$ *], [* +$_1$ *], [* − *], [* −$_0$ *], [* −$_1$ *];
Preassociative
[* ∪ {*}], [* ∪ *], [*\\{*}];
Postassociative
[* ∴ *], [* $\overset{.}{.\,.}$ *], [* ∷ *], [* $\underline{+2*}$ *], [* ∷ *], [* +2* *];
Postassociative
[*, *];
Preassociative
[* $\overset{B}{\approx}$ *], [* $\overset{D}{\approx}$ *], [* $\overset{C}{\approx}$ *], [* $\overset{P}{\approx}$ *], [* ≈ *], [* = *], [* $\overset{+}{\to}$ *], [* $\overset{t}{=}$ *], [* $\overset{t^*}{=}$ *], [* $\overset{r}{=}$ *],
[* ∈$_t$ *], [* ⊆$_T$ *], [* $\overset{T}{=}$ *], [* $\overset{s}{=}$ *], [* free in *], [* free in* *], [* free for * in *],
[* free for* * in *], [* ∈$_c$ *], [* < *], [* <' *], [* ≤' *], [* = *], [* ≠ *], [*^{var}],
[*#^{0}*], [*#^{1}*], [*#**];
Preassociative
[¬*];
Preassociative
[* ∧ *], [* $\ddot{\wedge}$ *], [* $\tilde{\wedge}$ *], [* ∧$_c$ *];
Preassociative
[* ∨ *], [* ∥ *], [* $\ddot{\vee}$ *];
Postassociative
[* $\overset{\Rightarrow}{\Rightarrow}$ *];
Postassociative
[* : *], [* spy *], [*!*];
Preassociative
[* $\left\{ \begin{array}{c} * \\ * \end{array} \right.$];
Preassociative
[λ * .*], [Λ * .*], [Λ*], [**if** * **then** * **else** *], [**let** * = * **in** *], [**let** * $\doteq$ * in *];
Preassociative

4

Postassociative

$[\ast \vdash \ast], [\ast \Vdash \ast], [\ast \text{ i.e. } \ast]$;

Preassociative

$[\forall \ast \colon \ast]$;

Postassociative

$[\ast \oplus \ast]$;

Postassociative

$[\ast; \ast]$;

Preassociative

$[\text{check}], [[\ast \overset{\circ}{=} \ast]], [\text{RootVisible}(\ast)], [A], [R], [C], [T], [L], [\{\ast\}], [\overline{\ast}], [a], [b], [c], [d],$
$[e], [f], [g], [h], [i], [j], [k], [l], [m], [n], [o], [p], [q], [r], [s], [t], [u], [v], [w], [x], [y], [z],$
$[\langle \ast \equiv \ast \mid \ast := \ast \rangle], [\langle \ast \equiv^0 \ast \mid \ast := \ast \rangle], [\langle \ast \equiv^1 \ast \mid \ast := \ast \rangle], [\langle \ast \equiv^* \ast \mid \ast := \ast \rangle], [\text{Ded}(\ast, \ast)],$
$[\text{Ded}_0(\ast, \ast)], [\text{Ded}_1(\ast, \ast, \ast)], [\text{Ded}_2(\ast, \ast, \ast)], [\text{Ded}_3(\ast, \ast, \ast, \ast)], [\text{Ded}_4(\ast, \ast, \ast, \ast)],$
$[\text{Ded}_4^*(\ast, \ast, \ast, \ast)], [\text{Ded}_5(\ast, \ast, \ast)], [\text{Ded}_6(\ast, \ast, \ast, \ast)], [\text{Ded}_6^*(\ast, \ast, \ast, \ast)], [\text{Ded}_7(\ast)],$
$[\text{Ded}_8(\ast, \ast)], [\text{Ded}_8^*(\ast, \ast)], [S], [\text{Neg}], [\text{MP}], [\text{Gen}], [\text{Ded}], [S1], [S2], [S3], [S4], [S5],$
$[S6], [S7], [S8], [S9], [\text{Repetition}], [A1'], [A2'], [A4'], [A5'], [\text{Prop } 3.2\text{a}], [\text{Prop } 3.2\text{b}],$
$[\text{Prop } 3.2\text{c}], [\text{Prop } 3.2\text{d}], [\text{Prop } 3.2\text{e}_1], [\text{Prop } 3.2\text{e}_2], [\text{Prop } 3.2\text{e}], [\text{Prop } 3.2\text{f}_1],$
$[\text{Prop } 3.2\text{f}_2], [\text{Prop } 3.2\text{f}], [\text{Prop } 3.2\text{g}_1], [\text{Prop } 3.2\text{g}_2], [\text{Prop } 3.2\text{g}], [\text{Prop } 3.2\text{h}_1],$
$[\text{Prop } 3.2\text{h}_2], [\text{Prop } 3.2\text{h}], [\text{Block}_1(\ast, \ast, \ast)], [\text{Block}_2(\ast)]$;

Preassociative

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

Preassociative

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

Preassociative

$[\ast ' \ast], [\ast ` \ast], [\ast']$;

Preassociative

$[\ast \cdot \ast], [\ast \cdot_0 \ast]$;

Preassociative

$[\ast + \ast], [\ast +_0 \ast], [\ast +_1 \ast], [\ast - \ast], [\ast -_0 \ast], [\ast -_1 \ast]$;

Preassociative

$[\ast \cup \{\ast\}], [\ast \cup \ast], [\ast \backslash \{\ast\}]$;

$[*, *]$;

Preassociative

$[* \overset{\text{B}}{\approx} *], [* \overset{\text{D}}{\approx} *], [* \overset{\text{C}}{\approx} *], [* \overset{\text{P}}{\approx} *], [* \approx *], [* = *], [* \overset{+}{\to} *], [* \overset{\text{t}}{=} *], [* \overset{\text{t}^*}{=} *], [* \overset{\text{r}}{=} *],$
$[* \in_{\text{t}} *], [* \subseteq_{\text{T}} *], [* \overset{\text{T}}{=} *], [* \overset{\text{s}}{=} *], [* \text{ free in } *], [* \text{ free in}^* *], [* \text{ free for } * \text{ in } *],$
$[* \text{ free for}^* * \text{ in } *], [* \in_{\text{c}} *], [* < *], [* <' *], [* \leq' *], [* = *], [* \neq *], [*^{\text{var}}],$
$[*\#^0 *], [*\#^1 *], [*\#^* *]$;

Preassociative

$[\neg *]$;

Preassociative

$[* \wedge *], [* \ddot{\wedge} *], [* \tilde{\wedge} *], [* \wedge_{\text{c}} *]$;

Preassociative

$[* \vee *], [* \| *], [* \ddot{\vee} *], [\exists *\colon *], [\forall *\colon *], [\forall_{\text{obj}} *\colon *]$;

Postassociative

$[* \Rrightarrow *], [* \Rightarrow *], [* \Leftrightarrow *]$;

Postassociative

$[* \colon *], [* \text{ spy } *], [*!*]$;

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

$[*^{\text{I}}], [*^{\triangleright}], [*^{\text{V}}], [*^{+}], [*^{-}], [*^{*}]$;

Preassociative

$[* @ *], [* \triangleright *], [* \blacktriangleright *], [* \gg *], [* \trianglerighteq *]$;

Postassociative

$[* \vdash *], [* \Vdash *], [* \text{ i.e. } *]$;

Preassociative

$[\forall *\colon *], [\Pi *\colon *]$;

Postassociative

$[* \oplus *]$;

Postassociative

$[*; *]$;

Preassociative

$[* \text{ proves } *]$;

Preassociative

$[* \textbf{ proof of } * \colon *], [\text{Line } * \colon * \gg *; *], [\text{Last line } * \gg * \square],$
$[\text{Line } * \colon \text{Premise} \gg *; *], [\text{Line } * \colon \text{Side-condition} \gg *; *], [\text{Arbitrary} \gg *; *],$
$[\text{Local} \gg * = *; *], [\text{Begin } *; * \colon \text{End}; *], [\text{Last block line } * \gg *;],$
$[\text{Arbitrary} \gg *; *]$;

Postassociative

Preassociative
$[*\&*], [\rightarrow]$;
Preassociative
$[*\backslash\backslash*], [* \text{ linebreak}[4] *], [*\backslash\backslash*];$ **End table**