

core_1^{2,24}

ABS: * **axiom** def

ABS: $s = t$ **equal** def

ABS: $s \sim t$ **squal** def

ABS: Type **universe** def

ABS: Void **void** def

ABS: any **any** def

ABS: Atom **atom** def

ABS: "\$token" **token** def

ABS: \mathbb{Z} **int** def

ABS: Object **object** def

ABS: \$n **natural_number** def

ABS: $-n$ **minus** def

ABS: $n+m$ **add** def

ABS: $n-m$ **subtract** def

ABS: $n \cdot m$ **multiply** def

ABS: $n \div m$ **divide** def

ABS: $n \text{ rem } m$ **remainder** def

ABS: $\text{ind}(v; x, y. d(x; y); b; w, z. u(w; z))$ **ind** def

ABS: *type* List **list** def

ABS: nil **nil** def

ABS: *car.cdr* **cons** def

ABS: Case of a ; $\text{nil} \rightarrow s$; $x, y, \text{rec}:z \rightarrow t(x; y; z)$ **list_ind** def

ABS: *left+right* **union** def

ABS: $\text{inl}(x)$ **inl** def

ABS: $\text{inr}(x)$ **inr** def

ABS: Case b of $\text{inl}(x) \Rightarrow s(x)$; $\text{inr}(y) \Rightarrow t(y)$ **decide def**

ABS: $x:A \times B(x)$ **product def**

ABS: $\langle a, b \rangle$ **pair def**

ABS: $A/x, y. B(x; y)$ **spread def**

ABS: $x:A \rightarrow B(x)$ **function def**

ABS: $\{x \mid y:A \rightarrow B(x; y)\}$ **rfunction def**

ABS: $\cap x:A. B(x)$ **isect def**

ABS: $\lambda x. A(x)$ **lambda def**

ABS: $f(a)$ **apply def**

ABS: $x, y:A // B(x; y)$ **quotient def**

ABS: $\{x:A \mid B(x)\}$ **set def**

ABS: $a < b$ **less_than def**

ABS: if $a=b \in \text{Atom} \rightarrow c$; d fi **atom_eq def**

ABS: if $a=b \rightarrow c$; d fi **int_eq def**

ABS: if $a < b \rightarrow c$; d fi **less def**

ABS: $\text{recind}(A; x, y. B(x; y))$ **rec_ind def**

ABS: $\text{rec}(x. A(x))$ **rec def**

ABS: $t \in T$ **member**

ABS: Unit **unit**

ABS: True **true**

ABS: False **false**

ABS: $P \ \& \ Q$ **and**

ABS: $P \ \vee \ Q$ **or**

ABS: $P \Rightarrow Q$ **implies**

ABS: $P \Leftarrow Q$ **rev_implies**

ABS: $\downarrow T$ **squash**

ABS: $\neg A$ **not**

ABS: $a \neq b$ **nequal**

ABS: $P \Leftrightarrow Q$ **iff**

ABS: $\exists x:A. B(x)$ **exists**

ABS: $\downarrow \exists x:A. B(x)$ **sq_exists**

ABS: $\forall x:A. B(x)$ **all**

ABS: $A \leq B$ **le**

ABS: $i \geq j$ **ge**

ABS: $i > j$ **gt**

ABS: $S \subseteq T$ **subtype**