

Lists

LISTS_LISTS_4578620297183232

Signature 0.1. A list is an object.

LISTS_LISTS_3703161885818880

Signature 0.2. $[]$ is a list.

LISTS_LISTS_8050301789536256

Signature 0.3. Let a be an object and L be a list. $a :: L$ is a list.

Let $[a]$ stand for $a :: []$.

Let $[a, b]$ stand for $a :: [b]$.

Let $[a, b, c]$ stand for $a :: [b, c]$.

LISTS_LISTS_4512036658964875

Axiom 0.4. Let L be a list. Then $L = []$ or $L = a :: L'$ for some object a and some list L' .

LISTS_LISTS_1021563255448756

Axiom 0.5. Let a be an object and L be a list. Then $L \prec a :: L$.