

1 Macros

This is a collection of commonly used synonyms for notions hard-coded into Naproche. It is intended to be imported to other ForTheL files to provide these synonyms for them, rather than being considered as a stand-alone file.

1.1 Equality

Let x and y agree stand for $x = y$.
Let x agrees with y stand for $x = y$.
Let x and y are distinct stand for $x \neq y$.

1.2 Elementhood Relation

Let a member of X stand for an element of X .
Let x belongs to X stand for x is an element of X .
Let X contains x stand for x is an element of X .
Let x is contained in X stand for x is an element of X .
Let x lies in X stand for x is an element of X .
Let x is in X stand for x is an element of X .

1.3 Domain

Let the domain of f stand for $\text{dom}(f)$.
Let f is defined on X stand for $\text{dom}(f) = X$.

1.4 Map Application

Let the value of f at x stand for $f(x)$.
Let $f(x, y)$ stand for $f((x, y))$.