Phase 17 : Proper Examples (lnot TEXT blocks)

Example : Semicolon bindings elem axdef

$$dummy : \mathbb{N}$$
$$\rule{3cm}{0.4pt}$$
$$dummy = 0$$
$$\forall\, x : \mathbb{N} \bullet \forall\, y : \mathbb{N} \bullet x + y > 0$$

Example : Function on sequences

$[EntryFTP]$

$$seqlen : \mathrm{seq}\ EntryFTP \longrightarrow \mathbb{N}$$
$$\rule{3cm}{0.4pt}$$
$$seqlen(\langle\rangle) = 0$$
$$\forall\, x : EntryFTP \bullet \forall\, s : \mathrm{seq}\ EntryFTP \bullet seqlen(\langle x \rangle \frown s) = 1 + seqlen(s)$$

Example : Nested quantifier

$[PersonFTP]$

$$constraint : \mathbb{N}$$
$$\rule{3cm}{0.4pt}$$
$$constraint = 1$$
$$\forall\, p : PersonFTP \bullet \forall\, n : \mathbb{N} \bullet n > 0$$