A few tests

Here are some types and terms:

```
(:num)
(:α)
n + 1
       [1; 2; 3; n; m + 1]
P (SUC n) ∧ q
```

Here are some theorems:

```
⊢ (MAP s (get_live code live) = MAP t (get_live code live)) ⇒
(MAP (eval f s code) live = MAP (eval f t code) live)
⊢ colouring_ok c code live ∧ no_dead_code code live ∧
(MAP s (get_live code live) =
 MAP (t o c) (get_live code live)) ⇒
(MAP (eval f s code) live =
 MAP (eval f t (apply c code) o c) live)
```

To learn more, see the *Embedding HOL in Latex* Section of the HOL Description.