**User Manual For Logic Proof Tool**

This tool has two major parts: Logical Proof, and Text Editor. Many usage examples are present in the example folder.

Logical Proof

Using the logical proof requires entering a valid logical expression at the text box at the top of the page, which will be referred as the main logical expression. It must contain exactly one ⊢ symbol and to its right a valid logical expression, which is the expression you want to prove. Some examples for a valid main expression:

p^q ⊢ q

P(t),∀x(P(x)→¬Q(x)) ⊢ ¬Q(t)

⊢ (q→r)→((¬q→¬p)→(p→r))

Clicking the "New Line" button will add a new line where you can enter your proof.

Those symbols are equal:

> →

~ ¬

^∧