

Table 1: Basic top-level commands

command	description
<code>Print c</code>	print the definition of the identifier <code>c</code>
<code>Check M</code>	print the type of the term <code>M</code>
<code>Compute M</code>	evaluate the term <code>M</code>
<code>About c</code>	display informaton about the indentifier <code>c</code> , including transparency information
<code>Search P</code>	search for occurences of the pattern <code>P</code> in the types of available objects
<code>Search "S"</code>	search for objects whose name contains <code>S</code>
<code>SearchPattern P</code>	search for theorems whose conclusion matches <code>P</code>
<code>SearchHead P</code>	search for theorems whose conclusion's head matches <code>P</code>
<code>SearchRewrite P</code>	search for theorems whose conclusion is an equality with one side matching <code>P</code>
<code>Locate "N"</code>	display the notation <code>N</code>
<code>Print Assumptions c</code>	print all axioms on which the definition of <code>c</code> depends
<code>Set Printing All</code>	switch on printing fully elaborated terms
<code>Unset Printing All</code>	switch off printing fully elaborated terms
<code>Require M</code>	load the module <code>M</code>
<code>Require Import M</code>	load the module <code>M</code> and import all identifiers from <code>M</code> into the current namespace
<code>From P Require M</code>	load the module <code>M</code> from package <code>P</code>

A *pattern* is a term with holes (wildcards)  $\_$ . A hole matches an arbitrary term. The *conclusion* of  $\forall(X_1 : A_1) \dots (X_n : A_n). \varphi$  is  $\varphi$  if  $\varphi$  does not begin with  $\forall$ . A *head* of  $MN_1 \dots N_n$  is  $M$ .

Table 2: Basic proof-mode commands

command	description
Show Proof	show the proof term
Show <b>n</b>	show subgoal number <b>n</b>
Qed	finish the proof and recheck the proof term
Defined	same as <b>Qed</b> but used for definitions (the defined identifier is transparent)
Admitted	give up the proof and admit the definition/theorem as an axiom