

Proof General Reference Card

Electric Terminator

Automatically send command to isabelle when you press `;`.
toggle electric terminator `C-c ;`

X-Symbol

rotate `C-.`
modify `C-,`
read token with autocomplete `C-= tab`
show entire X-Symbol table `C-= C-=`

Help!

list all bindings `M-? b`
show what a key combination is bound to
description of current mode and bindings `M-? c`
`M-? m`

Navigation

go to:
previous command `M-a`
next command `M-e`
start of current command `M-C-a`
end of current command `M-C-e`
end of locked region `C-c C-.`

The Mouse

duplicate command in locked region `C-button1`
process up to command at click `C-button3`
click on identifier in locked region to query `M-C-button2`

Proof Navigation

process up to command under cursor `C-c C-return`
next step `C-c C-n`
undo last step `C-c C-u`
undo and **delete** last step `C-c C-BS`
retract buffer `C-c C-r`
process entire buffer `C-c C-b`
hide (fold) the proof of a proved lemma `C-c v`

Drafts

display draft `C-c C-a C-d`
print draft `C-c C-a C-p`

Information Available While Proving

current proof state `C-c C-p`
current context `C-c C-t`
Information for the current proof context:
find theorems `C-c C-f`
cases `C-c C-a h c`
facts `C-c C-a h f`
term bindings `C-c C-a h b`
classical rules `C-c C-a h C`
induct/cases rules `C-c C-a h I`
simplifier rules `C-c C-a h S`
theorems `C-c C-a h t`
transitivity rules `C-c C-a h T`
antiquotations `C-c C-a h A`
attributes `C-c C-a h a`
commands `C-c C-a h o`
inner syntax `C-c C-a h i`
methods `C-c C-a h m`

Controlling the Prover Shell

Process control:
interrupt process `C-c C-c`
start `C-c C-s`
exit `C-c C-x`
send command `C-c C-v`

Dealing with responses:
insert last output as comment `C-c C-;`
clear response window `C-c C-w`
rotate output window `C-C C-o`
refresh and lay out `C-c C-l`

Insertions and Completions

autocomplete `C-return`
<\<\@{text " "
<\<\<\

Add Your Own Shortcuts, eg.

```
(global-set-key [(control \')]
  (lambda () (interactive) (insert '\ <acute>'))))
```