bool_1[9,38]

COM: bool_1_begin

COM: bool_1_summary

COM: bool_1_intro

COM: BOOL_DEFS

ABS: $\mathbb{B}$ **bool**

ABS: tt **btrue**

ABS: ff **bfalse**

STM: bool_wf

STM: btrue_wf

STM: bfalse_wf

ABS: if b then t else f fi **ifthenelse**

STM: ifthenelse_wf

ABS: $\uparrow b$ **assert**

ABS: $i <\text{z}\ j$ **lt_int**

STM: assert_wf

STM: comb_for_assert_wf

STM: lt_int_wf

ABS: $\neg_b b$ **bnot**

ABS: $p \wedge_b q$ **band**

ABS: $p \vee_b q$ **bor**

ABS: $i \leq\text{z}\ j$ **le_int**

STM: btrue_neq_bfalse

STM: bnot_wf

STM: band_wf

STM: bor_wf

STM: bor_ff_simp

STM: bor_tt_simp

STM: band_ff_simp

STM: band_tt_simp

STM: bnot_bnot_elim

STM: le_int_wf

STM: bnot_thru_band

STM: bnot_thru_bor

STM: bnot_of_le_int

STM: bnot_of_lt_int

ABS: b2i(b) **b2i**

STM: b2i_wf

STM: comb_for_b2i_wf

STM: b2i_bounds

STM: comb_for_bnot_wf

STM: comb_for_bor_wf

STM: comb_for_band_wf

ABS: $p =$b q **eq_bool**

STM: eq_bool_wf

ABS: $p \oplus$b q **bxor**

STM: bxor_wf

ABS: $p \Rightarrow_b q$ **bimplies**

STM: bimplies_wf

STM: comb_for_bimplies_wf

ABS: $p \Leftarrow_b q$ **rev_bimplies**

STM: rev_bimplies_wf

ABS: $(i =_0 j)$ **eq_int**

STM: eq_int_wf

ABS: x =a y **eq_atom**

STM: eq_atom_wf

COM: bool_thms

STM: bool_cases

STM: bool_ind

STM: decidable__equal_bool

STM: bimplies_weakening

STM: bimplies_transitivity

STM: assert_functionality_wrt_bimplies

COM: bool_tactics_1

COM: assert_com

STM: assert_of_tt

STM: assert_of_ff

STM: assert_elim

STM: not_assert_elim

STM: eqtt_to_assert

STM: eqff_to_assert

STM: decidable__assert

STM: iff_imp_equal_bool

STM: assert_of_eq_atom

STM: assert_of_eq_int

STM: neg_assert_of_eq_int

STM: neg_assert_of_eq_atom

STM: assert_of_lt_int

COM: assert_eqint_rw

STM: assert_of_eq_int_rw

STM: assert_of_eq_bool

STM: assert_of_bnot

STM: assert_of_band

STM: assert_of_bor

STM: assert_of_bimplies

STM: assert_of_le_int

COM: bool_tactics

STM: ite_rw_test

STM: ite_rw_false

STM: ite_rw_true

STM: fun_thru_ite

COM: old_bool_1_stuff

STM: eq_int_eq_false

STM: eq_int_eq_true

STM: eq_int_eq_false_elim

STM: eq_int_eq_true_elim

STM: eq_int_cases_test

STM: comb_for_lt_int_wf

COM: bool_1_end

---

http://www.nuprl.org/FDLcontent/p0_359040_/p15_2567_{bool_1}.html