

sets_1^{13,42}

DIR: poset_sig_object_directory

STM: poset_sig_inc

ABS: DSet **dset**

STM: dset_wf

STM: dset_properties

STM: assert_of_dset_eq

STM: decidable__dset_eq

STM: dset_eq_refl

ABS: $\text{mk_dset}(T, eq)$ **mk_dset**

STM: mk_dset_wf

ABS: $a \leq b$ **set_leq**

STM: set_leq_wf

STM: decidable__set_leq

STM: assert_of_set_leq

ABS: $a <_b b$ **set_blt**

STM: set_blt_wf

STM: comb_for_set_blt_wf

ABS: $a <_p b$ **set_lt**

STM: set_lt_wf

STM: set_lt_is_sp_of_leq

STM: set_lt_is_sp_of_leq_a

STM: decidable__set_lt

STM: assert_of_set_lt

ABS: QOSet **qoset**

STM: qoset_wf

STM: qoset_properties
STM: qoset_refl
STM: set_leq_weakening_eq
STM: qoset_trans
STM: set_leq_transitivity
STM: set_leq_trans
STM: qoset_lt_trans
STM: qoset_lt_irrefl
STM: set_lt_irreflexivity
STM: set_leq_weakening_lt
STM: set_lt_transitivity_1
STM: set_lt_transitivity_2
STM: set_blt_functionality_wrt_set_lt_r
ABS: $\text{POSet}\{i\}$ **poset**
STM: poset_wf
STM: poset_properties
STM: poset_anti_sym
STM: set_leq_antisymmetry
STM: set_leq_iff_lt_or_eq
ABS: LOSet **loset**
STM: loset_wf
STM: loset_properties
ABS: $\text{mk_oset}(T;eq;leq)$ **mk_oset**
STM: mk_oset_wf
STM: loset_connex
STM: loset_trichot
STM: set_leq_complement

STM: set_lt_complement

ABS: $a =_b b$ **eq_pair**

STM: eq_pair_wf

STM: assert_of_eq_pair

ABS: $s \times t$ **set_prod**

STM: set_prod_wf

ABS: $\{x:s \mid Q(x)\}$ **dset_set**

STM: eqfun_p_subtyping

STM: dset_set_wf

ABS: int_loset() **int_loset**

STM: int_loset_wf

ABS: atom_dset() **atom_dset**

STM: atom_dset_wf