realizability[11,40]

STM: R-consistent-Rall

ABS: $R \Vdash es.P(es)$ **R-realizes**

STM: R-realizes_wf

STM: R-true-rule

STM: R-and-rule

STM: R-none-rule

STM: R-implies-rule

STM: R-all-rule

STM: R-all-rule2

STM: R-and-left

STM: R-init-rule

STM: R-frame-rule

STM: R-sframe-rule

STM: R-aframe-rule

STM: R-bframe-rule

STM: R-rframe-rule

STM: R-effect-rule

STM: R-pre-rule

STM: R-sends-rule

STM: R-usends1-rule

ABS: R-state-var(i;ds;da;x;T;ks;tr) **R-state-var**

STM: R-state-var_wf

STM: R-state-var-rule

STM: R-state-var-loc

STM: R-state-var-da

STM: R-state-var-da-dom

STM: R-sub-implies

ABS: $\vdash es.P(es)$ **es-real**

STM: es-real_wf

ABS: es-realizer(p) **es-realizer**

STM: es-realizer_wf

STM: implies-es-real

STM: es-real-implies

ABS: es-real-and{i:l}(P;Q;X;Y;p) **es-real-and**

STM: es-real-and_wf

STM: es-real-monotonicity

STM: init-p-realizable

STM: frame-p-realizable

STM: sframe-p-realizable

STM: effect-p-realizable

STM: pre-p-realizable

STM: discrete-pre-p-realizable

ABS: preinit1R{$x:ut2, $a:ut2}($i$; X; p; x_0; P) **preinit1R**

STM: preinit1R_wf

STM: preinit1R_feasible

STM: pre-init1-p-realizable

STM: usends1-p-realizable

STM: sends-p-realizable

STM: sends1-p-realizable

STM: conditional-send1-p-realizable

STM: conditional-send-p-realizable

ABS: R-base-recognize(i;ds;x;k;T;$test$) **R-base-recognize**

STM: R-base-recognize_wf

STM: R-base-recognize-realizes2

STM: R-base-recognize-realizes

STM: recognizer-realizable

STM: recognizer-p-realizable

ABS: trigger1{$trigger:ut2, $a:ut2, $x:ut2}($T$; A; P; i; k) **trigger1**

STM: trigger1_wf

STM: trigger1_feasible

STM: trigger1-p-realizable

STM: R-state-da-rule

STM: R-compat-state

STM: Reffect-compat

STM: R-compat-base-recognize

STM: not-R-occurs-effect-compat

STM: R-state-var-compat

STM: R-state-var-compat2

STM: R-state-var-compat3

STM: R-state-var-compat-unequal-loc

ABS: R-state-var-init(i;ds;da;x;T;v;ks;tr) **R-state-var-init**

STM: R-state-var-init_wf

STM: R-state-var-init-rule

STM: R-state-var-init-compat

STM: sends-p-es-sends-iff

STM: R-lnk-tags-rule

STM: R-state-var-lnk-tags-compat

STM: R-state-var-lnk-tags-compat2

ABS: constR{$x:ut2}($T$; c; i) **constR**

STM: constR_wf

STM: constR_feasible

STM: const-realizable

ABS: onceR{$a:ut2, $done:ut2}($i$) **onceR**

STM: onceR_wf

STM: onceR_feasible

STM: once-realizable

ABS: send_onceR{$done:ut2, $tg:ut2, $b:ut2, $done1:ut2}($T$; A; f; l) **send_onceR**

STM: send_onceR_wf

STM: send_onceR_feasible

STM: send-once-realizable

ABS: at src(l):action $a(m) precondition P sends [$tg,$f$] on link l **weakPrecondSendR**

STM: weakPrecondSendR_wf

STM: weakPrecondSendR_feasible

ABS: weakPrecondSendR2{$a:ut2, $tg:ut2}($T$; t; p; l; ds; P; f) **weakPrecondSendR2**

STM: weakPrecondSendR2_wf

STM: weakPrecondSendR2_feasible

STM: weak-precond-send-realizable2

STM: weak-precond-send-realizable

ABS: weakSendDoApplyR{$a:ut2, $tg:ut2}($T$; t; l; ds; f) **weakSendDoApplyR**

STM: weakSendDoApplyR_wf

STM: weakSendDoApplyR_feasible

STM: weak-send-do-apply-realizable

STM: decidable-min-lemma

ABS: sendMinimalR{$a:ut2, $tg:ut2}($T$; t; l; ds_1; ds_2; P; Q; d_1; d_2; f) **sendMinimalR**

STM: sendMinimalR_wf

STM: sendMinimalR_feasible

STM: send-minimal-realizable

http://www.nuprl.org/FDLcontent/p0_963683_/p24_200439_{realizability}.html