

SystemVerilog Coverage Features	FC For SystemC	Comments	Unit test			Legend
sampling by coverage event	NPTSI				NPTSI	No plan to support it
sampling by implicit sample() method	NO	Users must always define the sample method			NY	Not yet
sampling by user-defined method	YES	Users map inputs to coverpoints/crosses	random_test_1.cpp			
Covergroup						
option weight	YES		basic_cvg_weight_test.cpp			
option goal	YES		basic_cvg_goal_test.cpp			
option at_least	YES		basic_cvg_at_least_test.cpp			
option per_instance	YES	Default set to true. Can't change it.				
option get_inst_coverage	YES	Default set to true. Can't change it.				
type_option weight	YES		cvg_get_inst_coverage_test.cpp			
type_option goal	YES		basic_cvg_goal_test.cpp			
type_option merge_instances	NY	On roadmap				
type_option distribute_first	NY	On roadmap				
Coverpoint						
option weight	YES		basic_cvp_weight_test.cpp			
option goal	YES		basic_cvp_goal_test.cpp			
option at_least	YES		basic_cvp_at_least_test.cpp			
type_option weight	NPTSI					
type_option goal	NPTSI					
Cross						
option weight	YES		basic_cross_options_test.cpp			
option goal	YES		basic_cross_options_test.cpp			
option at_least	YES		basic_cross_options_test.cpp			
SystemVerilog Coverage API						
double get_inst_coverage()	YES		cvg_get_inst_coverage_test.cpp			
double get_inst_coverage(int&, int&)	YES		cvg_get_inst_coverage_test.cpp			
void start()	YES		basic_control_test.cpp			
void stop()	YES		basic_control_test.cpp			
double get_coverage()	YES					
double get_coverage(int&, int&)	YES					
SystemVerilog Coverage System Functions						
\$coverage_save	YES	fc4sc::global_access::coverage_save(std::ostream&) fc4sc::global_access::coverage_save(const std::string&)				
\$coverage_merge	NY	See roadmap				
\$coverage_get_max	NO	See static API of fc4sc::global_access				
\$coverage_get	NO	See static API of fc4sc::global_access				
\$coverage_control	NO	See static API of fc4sc::global_access				