

Functional Correctness: Many SAW helper functions for specifications

Description	SAW script contains numerous constructs that assist in proving theorems in a timely manner. These examples illustrate many.
Purpose	Gain experience with SAW script.
Audience	This module is intended for: <ul style="list-style-type: none"> 1 The general public 2 K-12 and college classes on cyber defense 3 preparation for proficiency in the use of tools and a computing environment suitable for the study of cyber defense
Objectives	After completing the module: <ul style="list-style-type: none"> 1 The learner will know about SAW script 'tactics' and their variants 2 The learner will have seen how the tactics are applied and what happens if they are not 3 The learner will have experience with the most advanced aspects of SAW script
Keywords	SAW, SAW script, tactic, SHA512
Category	cybersecurity > education
Delivery	java applets and written documentation in pdf format
Team	John Franco and Ethan Link
Assessment	The applets provide the means for experimentation. Questions are asked in the documentation that help with the set up of experiments. The ideas that learners come up with is evidence that the module was successful.
Workflow	No particular schedule was established
Environment	All materials are contained in a single jar file. The jar file can be run on any computer where java version 14 or higher and some pdf reader such as acroread or evince are available. The jar file may be executed in the cyber range or learners may download the jar file (which is considered to be an executable file) and run it on their personal computers.