

Title : A Peek at the Cryptol Language  
Authors : John Franco (University of Cincinnati, U.S.A.)  
Speaker : John Franco

Abstract: The Cryptol Language for high assurance computing, under development by Galois, is briefly described. The language is used to define algorithms and desired properties; it has the ability to prove properties correct under certain constraints using SAT and SMT solvers. Several examples of algorithms and properties will be demonstrated. A comparison with interactive theorem provers will be presented.