

## Automated Verification: Additional Web Material

Automated verification is a massive field of study, encompassing the wide range of [automated theorem proving](#), [specification languages](#), engineering topics, proof languages, decision procedures and many other topics. Wikipedia, of course, is an excellent starting point:

<http://en.wikipedia.org/wiki/Verifiability>

Some example uses of F# for automated verification are:

[\*Secure Distributed Computations and their Proofs\*](#) (also [PPT](#))

[\*Verified interoperable implementations of security protocols\*](#)

[\*SLayer: Automatic formal verification for programs with heaps\*](#)

[\*Terminator: proof tools for termination and liveness\*](#)

F#'s cousin language, OCaml, is heavily used for automated verification tasks, as are all functional languages.