

Concept	F#	Notes
Paradigm	Multi (main func)	
First-class functions	Yes	
Lambda expressions	Yes	
Higher-order functions	Yes	
First-class closures	Yes	
Currying	Yes	
Continuation-passing style	Yes	
First-class continuations	Yes	
Pattern matching	Yes	
Strong typing	Yes	
Type systems	Yes	
Lazy evaluation	~	Yield/Sequences, Lazy.Create()/Lazy.Force()
List/generator comprehensions	Yes	
Message passing	Yes	
Actor model	Yes	
Coroutines	~	Possible with Async workflows and continuations
Channels	~	Possible to mimic with actors
CSP	No	May be possible, but very difficult. Would have to turn async actors into sync
Homoiconic	~	Partially with quotations and AST, but some code must be prefixed w/ reflection library
Concurrency	Yes	
Callbacks	Yes	
Type inference	Yes	
Dynamic dispatch	Yes	
Dynamic typing	No	
Heterogeneous lists	No	Tuples can be heterogeneous