Syntax of Standard ML

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PROGRAMS AND MODULES

Program

TopLevelDeclaration

TopLevelDeclaration

Expression

ObjectDeclaration

SignatureDeclaration

FunctorDeclaration

ObjectDeclaration

Declaration

structure

Ident

:

Signature

=

Structure

local

ObjectDeclaration

in

ObjectDeclaration

end

;
MATCHES AND PATTERNS

Match

Pattern \rightarrow \text{Expression}

Pattern

AtomicPattern

CompoundName AtomicPattern

Pattern InfixOperator Pattern

Pattern Type

Name Type as Pattern

NAME

TYPE

FUNCTION

DATATYPE

OBJECT
AtomicPattern

FieldPattern
LEXICAL MATTERS: IDENTIFIERS, CONSTANTS, COMMENTS

**CompoundIdent**

**CompoundName**

**Name**

**InfixOperator**

(any Ident that has been declared to be infix)