Objective Modula-2 Language Extensions

Reserved Words

```
BYCOPY BYREF CLASS CONTINUE CRITICAL INOUT INSTANCE
METHOD ON OPTIONAL OUT PRIVATE PROTECTED PROTOCOL PUBLIC
REFINES REQUIRED SELF SUPER TRY
```

Built-in Identifiers

```
NO OBJECT UNICHAR YES
```

Literals

- Unicode character code literal
- String literal concatenation using ("+")
- Quoted character and string literals may contain escaped characters

Operators

- Message prefix operator ("`` ` ``")
- Additional synonym for logical-not operator ("!")
- Additional synonym for not-equal operator ("!=")
- C Postfix operators ("++") and ("--") are synonyms for `INC()` and `DEC()`

Comments

- C comment ("/* */")
- BCPL/C++ comment ("//")

Declarations

- Library definition modules may declare variables to be immutable outside module

Statements

- Objective-C runtime compatible exceptions
- Objective-C runtime compatible thread synchronisation

Compilation Units

- Definition module syntax augmented to allow declaration of classes and categories
- Implementation module syntax augmented to allow implementation of classes and categories
- New protocol interface module to allow declaration of protocols