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

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