APPENDIX B

Summary of Operators

Arithmetic

Operator	Operation	Type of Operands	Type of Result
(unary) +	identity	Integer or Real	same as operand
(unary) −	sign inversion	Integer or Real	same as operand
+	addition	Integer or Real	Integer or Real
−	subtraction	Integer or Real	Integer or Real
*	multiplication	Integer or Real	Integer or Real
/	real division	Integer or Real	Real
div	integer division	Integer	Integer
mod	modulus	Integer	Integer

Relational

Operator	Operation	Type of Operands	Type of Result
=	equality	simple, pointer, set, or string	Boolean
<>	inequality	simple, pointer, set, or string	Boolean
<=	less than or equal	simple or string	Boolean
<=	set inclusion	set	Boolean
>=	greater than or equal	simple or string	Boolean
>=	set inclusion	set	Boolean
<	less than	simple or string	Boolean
>	greater than	simple or string	Boolean
in	set membership	ordinal and set	Boolean