

Precompiled SCEX Expressions

Expressions in this list may contain the following special codes that generate variable values with specific names. An example is that "N0:3" generates bool, int, and float variable names with shapes 0, 1, 2, and 3 such as "B0", "B1", "B2", "B3", "I0", ... "F1", "F2", and "F3".

Simple variable type name prefixes:

Z = Narrow character: DT.Zc var

W = Wide character: DT.Char var

S = String: DT.String

B = Boolean: DT.Bool

I = Integer: DT.Int

F = Float: DT.Double

The comment suffixes such as ρ Int indicate the result datatype. So, for example, we have the following pair of entries:

B +.x B ρ Bool

B +.x B2 ρ Int

B +.x B1x2 ρ Bool

B +.x B2x2 ρ Int

B +.x I ρ Int

B +.x I2 ρ Int

B +.x I1x2 ρ Int

B +.x I2x2 ρ Int

B +.x F ρ Double

B +.x F2 ρ Double

B +.x F1x2 ρ Double

B +.x F2x2 ρ Double

B2 +.x B ρ Int

B2 +.x B2 ρ Int

B2 +.× B2x2 ⊙Int

B2 +.× I ⊙Int

B2 +.× I2 ⊙Int

B2 +.× I2x2 ⊙Int

B2 +.× F ⊙Double

B2 +.× F2 ⊙Double

B2 +.× F2x2 ⊙Double

I +.× B ⊙Int

I +.× B2 ⊙Int

I +.× B1x2 ⊙Int

I +.× B2x2 ⊙Int

I +.× I ⊙Int

I +.× I ⊙Double

I +.× I2 ⊙Int

I +.× I2 ⊙Double

I +.× I1x2 ⊙Int

I +.× I1x2 ⊙Double

I +.× I2x2 ⊙Int

I +.× I2x2 ⊙Double

I +.× F ⊙Double

I +.× F2 ⊙Double

I +.× F1x2 ⊙Double

I +.× F2x2 ⊙Double

I2 +.× B ⊙Int

I2 +.× B2 ⊙Int

I2 +.× B2x2 ⊙Int

I2 +.× I ⊞Int

I2 +.× I ⊞Double

I2 +.× I2 ⊞Int

I2 +.× I2 ⊞Double

I2 +.× I2x2 ⊞Int

I2 +.× I2x2 ⊞Double

I2 +.× F ⊞Double

I2 +.× F2 ⊞Double

I2 +.× F2x2 ⊞Double

F +.× B ⊞Double

F +.× B2 ⊞Double

F +.× B1x2 ⊞Double

F +.× B2x2 ⊞Double

F +.× I ⊞Double

F +.× I2 ⊞Double

F +.× I1x2 ⊞Double

F +.× I2x2 ⊞Double

F +.× F ⊞Double

F +.× F2 ⊞Double

F +.× F1x2 ⊞Double

F +.× F2x2 ⊞Double

F2 +.× B ⊞Double

F2 +.× B2 ⊞Double

F2 +.× B2x2 ⊞Double

F2 +.× I ⊞Double

F2 +.× I2 ⊞Double

F2 +.× I2x2 ⊗ Double

F2 +.× F ⊗ Double

F2 +.× F2 ⊗ Double

F2 +.× F2x2 ⊗ Double

B +.= B ⊗ Bool

B +.= B2 ⊗ Int

B +.= B1x2 ⊗ Bool

B +.= B2x2 ⊗ Int

B +.= I ⊗ Bool

B +.= I2 ⊗ Int

B +.= I1x2 ⊗ Bool

B +.= I2x2 ⊗ Int

B +.= F ⊗ Bool

B +.= F2 ⊗ Int

B +.= F1x2 ⊗ Bool

B +.= F2x2 ⊗ Int

B2 +.= B ⊗ Int

B2 +.= B2 ⊗ Int

B2 +.= B2x2 ⊗ Int

B2 +.= I ⊗ Int

B2 +.= I2 ⊗ Int

B2 +.= I2x2 ⊗ Int

B2 +.= F ⊗ Int

B2 +.= F2 ⊗ Int

B2 +.= F2x2 ⊗ Int

I +.= B ⊗ Bool

I += B2 @Int
I += B1x2 @Bool
I += B2x2 @Int
I += I @Bool
I += I2 @Int
I += I1x2 @Bool
I += I2x2 @Int
I += F @Bool
I += F2 @Int
I += F1x2 @Bool
I += F2x2 @Int
I2 += B @Int
I2 += B2 @Int
I2 += B2x2 @Int
I2 += I @Int
I2 += I2 @Int
I2 += I2x2 @Int
I2 += F @Int
I2 += F2 @Int
I2 += F2x2 @Int
F += B @Bool
F += B2 @Int
F += B1x2 @Bool
F += B2x2 @Int
F += I @Bool
F += I2 @Int

F += I1x2 @Bool

F += I2x2 @Int

F += F @Bool

F += F2 @Int

F += F1x2 @Bool

F += F2x2 @Int

F2 += B @Int

F2 += B2 @Int

F2 += B2x2 @Int

F2 += I @Int

F2 += I2 @Int

F2 += I2x2 @Int

F2 += F @Int

F2 += F2 @Int

F2 += F2x2 @Int

B >. > B @Bool

B >. > B2 @Bool

B >. > B1x2 @Bool

B >. > B2x2 @Bool

B >. > I @Bool

B >. > I2 @Bool

B >. > I1x2 @Bool

B >. > I2x2 @Bool

B >. > F @Bool

B >. > F2 @Bool

B >. > F1x2 @Bool

B >. > F2x2 ⊗ Bool

B2 >. > B ⊗ Bool

B2 >. > B2 ⊗ Bool

B2 >. > B2x2 ⊗ Bool

B2 >. > I ⊗ Bool

B2 >. > I2 ⊗ Bool

B2 >. > I2x2 ⊗ Bool

B2 >. > F ⊗ Bool

B2 >. > F2 ⊗ Bool

B2 >. > F2x2 ⊗ Bool

I >. > B ⊗ Bool

I >. > B2 ⊗ Bool

I >. > B1x2 ⊗ Bool

I >. > B2x2 ⊗ Bool

I >. > I ⊗ Bool

I >. > I2 ⊗ Bool

I >. > I1x2 ⊗ Bool

I >. > I2x2 ⊗ Bool

I >. > F ⊗ Bool

I >. > F2 ⊗ Bool

I >. > F1x2 ⊗ Bool

I >. > F2x2 ⊗ Bool

I2 >. > B ⊗ Bool

I2 >. > B2 ⊗ Bool

I2 >. > B2x2 ⊗ Bool

I2 >. > I ⊗ Bool

I2 >.> I2 ⊗ Bool

I2 >.> I2x2 ⊗ Bool

I2 >.> F ⊗ Bool

I2 >.> F2 ⊗ Bool

I2 >.> F2x2 ⊗ Bool

F >.> B ⊗ Bool

F >.> B2 ⊗ Bool

F >.> B1x2 ⊗ Bool

F >.> B2x2 ⊗ Bool

F >.> I ⊗ Bool

F >.> I2 ⊗ Bool

F >.> I1x2 ⊗ Bool

F >.> I2x2 ⊗ Bool

F >.> F ⊗ Bool

F >.> F2 ⊗ Bool

F >.> F1x2 ⊗ Bool

F >.> F2x2 ⊗ Bool

F2 >.> B ⊗ Bool

F2 >.> B2 ⊗ Bool

F2 >.> B2x2 ⊗ Bool

F2 >.> I ⊗ Bool

F2 >.> I2 ⊗ Bool

F2 >.> I2x2 ⊗ Bool

F2 >.> F ⊗ Bool

F2 >.> F2 ⊗ Bool

F2 >.> F2x2 ⊗ Bool

B [.x B |Bool

B [.x B2 |Bool

B [.x B1x2 |Bool

B [.x B2x2 |Bool

B [.x I |Int

B [.x I2 |Int

B [.x I1x2 |Int

B [.x I2x2 |Int

B [.x F |Double

B [.x F2 |Double

B [.x F1x2 |Double

B [.x F2x2 |Double

B2 [.x B |Bool

B2 [.x B2 |Bool

B2 [.x B2x2 |Bool

B2 [.x I |Int

B2 [.x I2 |Int

B2 [.x I2x2 |Int

B2 [.x F |Double

B2 [.x F2 |Double

B2 [.x F2x2 |Double

I [.x B |Int

I [.x B2 |Int

I [.x B1x2 |Int

I [.x B2x2 |Int

I [.x I |Int

I [.x I ρ]Double

I [.x I2 ρ]Int

I [.x I2 ρ]Double

I [.x I1x2 ρ]Int

I [.x I1x2 ρ]Double

I [.x I2x2 ρ]Int

I [.x I2x2 ρ]Double

I [.x F ρ]Double

I [.x F2 ρ]Double

I [.x F1x2 ρ]Double

I [.x F2x2 ρ]Double

I2 [.x B ρ]Int

I2 [.x B2 ρ]Int

I2 [.x B2x2 ρ]Int

I2 [.x I ρ]Int

I2 [.x I ρ]Double

I2 [.x I2 ρ]Int

I2 [.x I2 ρ]Double

I2 [.x I2x2 ρ]Int

I2 [.x I2x2 ρ]Double

I2 [.x F ρ]Double

I2 [.x F2 ρ]Double

I2 [.x F2x2 ρ]Double

F [.x B ρ]Double

F [.x B2 ρ]Double

F [.x B1x2 ρ]Double

F [.× B2x2 ⊗ Double

F [.× I ⊗ Double

F [.× I2 ⊗ Double

F [.× I1x2 ⊗ Double

F [.× I2x2 ⊗ Double

F [.× F ⊗ Double

F [.× F2 ⊗ Double

F [.× F1x2 ⊗ Double

F [.× F2x2 ⊗ Double

F2 [.× B ⊗ Double

F2 [.× B2 ⊗ Double

F2 [.× B2x2 ⊗ Double

F2 [.× I ⊗ Double

F2 [.× I2 ⊗ Double

F2 [.× I2x2 ⊗ Double

F2 [.× F ⊗ Double

F2 [.× F2 ⊗ Double

F2 [.× F2x2 ⊗ Double

B ^.= B ⊗ Bool

B ^.= B2 ⊗ Bool

B ^.= B1x2 ⊗ Bool

B ^.= B2x2 ⊗ Bool

B ^.= I ⊗ Bool

B ^.= I2 ⊗ Bool

B ^.= I1x2 ⊗ Bool

B ^.= I2x2 ⊗ Bool

$B^{\wedge} = F \text{ Bool}$

$B^{\wedge} = F2 \text{ Bool}$

$B^{\wedge} = F1x2 \text{ Bool}$

$B^{\wedge} = F2x2 \text{ Bool}$

$B^{\wedge} \neq B \text{ Bool}$

$B^{\wedge} \neq B2 \text{ Bool}$

$B^{\wedge} \neq B1x2 \text{ Bool}$

$B^{\wedge} \neq B2x2 \text{ Bool}$

$B^{\wedge} \neq I \text{ Bool}$

$B^{\wedge} \neq I2 \text{ Bool}$

$B^{\wedge} \neq I1x2 \text{ Bool}$

$B^{\wedge} \neq I2x2 \text{ Bool}$

$B^{\wedge} \neq F \text{ Bool}$

$B^{\wedge} \neq F2 \text{ Bool}$

$B^{\wedge} \neq F1x2 \text{ Bool}$

$B^{\wedge} \neq F2x2 \text{ Bool}$

$B^{\wedge} < B \text{ Bool}$

$B^{\wedge} < B2 \text{ Bool}$

$B^{\wedge} < B1x2 \text{ Bool}$

$B^{\wedge} < B2x2 \text{ Bool}$

$B^{\wedge} < I \text{ Bool}$

$B^{\wedge} < I2 \text{ Bool}$

$B^{\wedge} < I1x2 \text{ Bool}$

$B^{\wedge} < I2x2 \text{ Bool}$

$B^{\wedge} < F \text{ Bool}$

$B^{\wedge} < F2 \text{ Bool}$

$B^{<} \cdot F_{1 \times 2} \in \text{Bool}$

$B^{<} \cdot F_{2 \times 2} \in \text{Bool}$

$B^{>} \cdot B \in \text{Bool}$

$B^{>} \cdot B_2 \in \text{Bool}$

$B^{>} \cdot B_{1 \times 2} \in \text{Bool}$

$B^{>} \cdot B_{2 \times 2} \in \text{Bool}$

$B^{>} \cdot I \in \text{Bool}$

$B^{>} \cdot I_2 \in \text{Bool}$

$B^{>} \cdot I_{1 \times 2} \in \text{Bool}$

$B^{>} \cdot I_{2 \times 2} \in \text{Bool}$

$B^{>} \cdot F \in \text{Bool}$

$B^{>} \cdot F_2 \in \text{Bool}$

$B^{>} \cdot F_{1 \times 2} \in \text{Bool}$

$B^{>} \cdot F_{2 \times 2} \in \text{Bool}$

$B^{\leq} \cdot B \in \text{Bool}$

$B^{\leq} \cdot B_2 \in \text{Bool}$

$B^{\leq} \cdot B_{1 \times 2} \in \text{Bool}$

$B^{\leq} \cdot B_{2 \times 2} \in \text{Bool}$

$B^{\leq} \cdot I \in \text{Bool}$

$B^{\leq} \cdot I_2 \in \text{Bool}$

$B^{\leq} \cdot I_{1 \times 2} \in \text{Bool}$

$B^{\leq} \cdot I_{2 \times 2} \in \text{Bool}$

$B^{\leq} \cdot F \in \text{Bool}$

$B^{\leq} \cdot F_2 \in \text{Bool}$

$B^{\leq} \cdot F_{1 \times 2} \in \text{Bool}$

$B^{\leq} \cdot F_{2 \times 2} \in \text{Bool}$

$B \wedge \geq B \text{ Bool}$

$B \wedge \geq B2 \text{ Bool}$

$B \wedge \geq B1x2 \text{ Bool}$

$B \wedge \geq B2x2 \text{ Bool}$

$B \wedge \geq I \text{ Bool}$

$B \wedge \geq I2 \text{ Bool}$

$B \wedge \geq I1x2 \text{ Bool}$

$B \wedge \geq I2x2 \text{ Bool}$

$B \wedge \geq F \text{ Bool}$

$B \wedge \geq F2 \text{ Bool}$

$B \wedge \geq F1x2 \text{ Bool}$

$B \wedge \geq F2x2 \text{ Bool}$

$B \vee = B \text{ Bool}$

$B \vee = B2 \text{ Bool}$

$B \vee = B1x2 \text{ Bool}$

$B \vee = B2x2 \text{ Bool}$

$B \vee = I \text{ Bool}$

$B \vee = I2 \text{ Bool}$

$B \vee = I1x2 \text{ Bool}$

$B \vee = I2x2 \text{ Bool}$

$B \vee = F \text{ Bool}$

$B \vee = F2 \text{ Bool}$

$B \vee = F1x2 \text{ Bool}$

$B \vee = F2x2 \text{ Bool}$

$B \vee \neq B \text{ Bool}$

$B \vee \neq B2 \text{ Bool}$

B V.≠ B1x2 ⊃ Bool

B V.≠ B2x2 ⊃ Bool

B V.≠ I ⊃ Bool

B V.≠ I2 ⊃ Bool

B V.≠ I1x2 ⊃ Bool

B V.≠ I2x2 ⊃ Bool

B V.≠ F ⊃ Bool

B V.≠ F2 ⊃ Bool

B V.≠ F1x2 ⊃ Bool

B V.≠ F2x2 ⊃ Bool

B V.< B ⊃ Bool

B V.< B2 ⊃ Bool

B V.< B1x2 ⊃ Bool

B V.< B2x2 ⊃ Bool

B V.< I ⊃ Bool

B V.< I2 ⊃ Bool

B V.< I1x2 ⊃ Bool

B V.< I2x2 ⊃ Bool

B V.< F ⊃ Bool

B V.< F2 ⊃ Bool

B V.< F1x2 ⊃ Bool

B V.< F2x2 ⊃ Bool

B V.> B ⊃ Bool

B V.> B2 ⊃ Bool

B V.> B1x2 ⊃ Bool

B V.> B2x2 ⊃ Bool

$B \vee.> I \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> I2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> I1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> I2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> F \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> F2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> F1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.> F2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq B \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq B2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq B1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq B2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq I \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq I2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq I1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq F \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq F2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq F1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\leq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq B \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq B2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq B1x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq B2x2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq I \text{ } \textcircled{r} \text{ Bool}$

$B \vee.\geq I2 \text{ } \textcircled{r} \text{ Bool}$

$B \vee_{\geq} I_{1 \times 2} \in \text{Bool}$

$B \vee_{\geq} I_{2 \times 2} \in \text{Bool}$

$B \vee_{\geq} F \in \text{Bool}$

$B \vee_{\geq} F_2 \in \text{Bool}$

$B \vee_{\geq} F_{1 \times 2} \in \text{Bool}$

$B \vee_{\geq} F_{2 \times 2} \in \text{Bool}$

$B^{\wedge} = B \in \text{Bool}$

$B^{\wedge} = B_2 \in \text{Bool}$

$B^{\wedge} = B_{2 \times 2} \in \text{Bool}$

$B^{\wedge} = I \in \text{Bool}$

$B^{\wedge} = I_2 \in \text{Bool}$

$B^{\wedge} = I_{2 \times 2} \in \text{Bool}$

$B^{\wedge} = F \in \text{Bool}$

$B^{\wedge} = F_2 \in \text{Bool}$

$B^{\wedge} = F_{2 \times 2} \in \text{Bool}$

$B^{\wedge} \neq B \in \text{Bool}$

$B^{\wedge} \neq B_2 \in \text{Bool}$

$B^{\wedge} \neq B_{2 \times 2} \in \text{Bool}$

$B^{\wedge} \neq I \in \text{Bool}$

$B^{\wedge} \neq I_2 \in \text{Bool}$

$B^{\wedge} \neq I_{2 \times 2} \in \text{Bool}$

$B^{\wedge} \neq F \in \text{Bool}$

$B^{\wedge} \neq F_2 \in \text{Bool}$

$B^{\wedge} \neq F_{2 \times 2} \in \text{Bool}$

$B^{\wedge} < B \in \text{Bool}$

$B^{\wedge} < B_2 \in \text{Bool}$

$B2 \wedge .< B2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< I \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< I2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< I2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< F \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< F2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .< F2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> B \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> B2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> B2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> I \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> I2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> I2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> F \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> F2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .> F2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq B \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq B2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq B2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq I \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq I2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq I2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq F \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq F2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\leq F2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge .\geq B \text{ } \textcircled{R} \text{ Bool}$

$B2 \wedge \geq B2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq B2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq I \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq I2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq I2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq F \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq F2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \wedge \geq F2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = B \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = B2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = B2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = I \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = I2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = I2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = F \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = F2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee = F2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq B \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq B2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq B2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq I \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq I2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq I2x2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq F \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq F2 \text{ } \textcircled{B} \text{ Bool}$

$B2 \vee \neq F2x2 \text{ } \textcircled{B} \text{ Bool}$

B2 v.< B \Rightarrow Bool

B2 v.< B2 \Rightarrow Bool

B2 v.< B2x2 \Rightarrow Bool

B2 v.< I \Rightarrow Bool

B2 v.< I2 \Rightarrow Bool

B2 v.< I2x2 \Rightarrow Bool

B2 v.< F \Rightarrow Bool

B2 v.< F2 \Rightarrow Bool

B2 v.< F2x2 \Rightarrow Bool

B2 v.> B \Rightarrow Bool

B2 v.> B2 \Rightarrow Bool

B2 v.> B2x2 \Rightarrow Bool

B2 v.> I \Rightarrow Bool

B2 v.> I2 \Rightarrow Bool

B2 v.> I2x2 \Rightarrow Bool

B2 v.> F \Rightarrow Bool

B2 v.> F2 \Rightarrow Bool

B2 v.> F2x2 \Rightarrow Bool

B2 v. \leq B \Rightarrow Bool

B2 v. \leq B2 \Rightarrow Bool

B2 v. \leq B2x2 \Rightarrow Bool

B2 v. \leq I \Rightarrow Bool

B2 v. \leq I2 \Rightarrow Bool

B2 v. \leq I2x2 \Rightarrow Bool

B2 v. \leq F \Rightarrow Bool

B2 v. \leq F2 \Rightarrow Bool

$B2 \vee \leq F2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq B \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq B2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq B2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq I \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq I2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq I2x2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq F \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq F2 \text{ } \textcircled{R} \text{ Bool}$

$B2 \vee \geq F2x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = B \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = B2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = B1x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = B2x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = I \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = I2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = I1x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = I2x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = F \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = F2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = F1x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge = F2x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge \neq B \text{ } \textcircled{R} \text{ Bool}$

$I \wedge \neq B2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge \neq B1x2 \text{ } \textcircled{R} \text{ Bool}$

$I \wedge \neq B2x2 \text{ } \textcircled{R} \text{ Bool}$

$I^{\neq} I \text{ Bool}$

$I^{\neq} I2 \text{ Bool}$

$I^{\neq} I1x2 \text{ Bool}$

$I^{\neq} I2x2 \text{ Bool}$

$I^{\neq} F \text{ Bool}$

$I^{\neq} F2 \text{ Bool}$

$I^{\neq} F1x2 \text{ Bool}$

$I^{\neq} F2x2 \text{ Bool}$

$I^{<} B \text{ Bool}$

$I^{<} B2 \text{ Bool}$

$I^{<} B1x2 \text{ Bool}$

$I^{<} B2x2 \text{ Bool}$

$I^{<} I \text{ Bool}$

$I^{<} I2 \text{ Bool}$

$I^{<} I1x2 \text{ Bool}$

$I^{<} I2x2 \text{ Bool}$

$I^{<} F \text{ Bool}$

$I^{<} F2 \text{ Bool}$

$I^{<} F1x2 \text{ Bool}$

$I^{<} F2x2 \text{ Bool}$

$I^{>} B \text{ Bool}$

$I^{>} B2 \text{ Bool}$

$I^{>} B1x2 \text{ Bool}$

$I^{>} B2x2 \text{ Bool}$

$I^{>} I \text{ Bool}$

$I^{>} I2 \text{ Bool}$

$I^{>} I_{1 \times 2} \in \text{Bool}$

$I^{>} I_{2 \times 2} \in \text{Bool}$

$I^{>} F \in \text{Bool}$

$I^{>} F_2 \in \text{Bool}$

$I^{>} F_{1 \times 2} \in \text{Bool}$

$I^{>} F_{2 \times 2} \in \text{Bool}$

$I^{\leq} B \in \text{Bool}$

$I^{\leq} B_2 \in \text{Bool}$

$I^{\leq} B_{1 \times 2} \in \text{Bool}$

$I^{\leq} B_{2 \times 2} \in \text{Bool}$

$I^{\leq} I \in \text{Bool}$

$I^{\leq} I_2 \in \text{Bool}$

$I^{\leq} I_{1 \times 2} \in \text{Bool}$

$I^{\leq} I_{2 \times 2} \in \text{Bool}$

$I^{\leq} F \in \text{Bool}$

$I^{\leq} F_2 \in \text{Bool}$

$I^{\leq} F_{1 \times 2} \in \text{Bool}$

$I^{\leq} F_{2 \times 2} \in \text{Bool}$

$I^{\geq} B \in \text{Bool}$

$I^{\geq} B_2 \in \text{Bool}$

$I^{\geq} B_{1 \times 2} \in \text{Bool}$

$I^{\geq} B_{2 \times 2} \in \text{Bool}$

$I^{\geq} I \in \text{Bool}$

$I^{\geq} I_2 \in \text{Bool}$

$I^{\geq} I_{1 \times 2} \in \text{Bool}$

$I^{\geq} I_{2 \times 2} \in \text{Bool}$

$I^{\wedge} \geq F \text{ Bool}$

$I^{\wedge} \geq F2 \text{ Bool}$

$I^{\wedge} \geq F1x2 \text{ Bool}$

$I^{\wedge} \geq F2x2 \text{ Bool}$

$I^{\vee} = B \text{ Bool}$

$I^{\vee} = B2 \text{ Bool}$

$I^{\vee} = B1x2 \text{ Bool}$

$I^{\vee} = B2x2 \text{ Bool}$

$I^{\vee} = I \text{ Bool}$

$I^{\vee} = I2 \text{ Bool}$

$I^{\vee} = I1x2 \text{ Bool}$

$I^{\vee} = I2x2 \text{ Bool}$

$I^{\vee} = F \text{ Bool}$

$I^{\vee} = F2 \text{ Bool}$

$I^{\vee} = F1x2 \text{ Bool}$

$I^{\vee} = F2x2 \text{ Bool}$

$I^{\vee} \neq B \text{ Bool}$

$I^{\vee} \neq B2 \text{ Bool}$

$I^{\vee} \neq B1x2 \text{ Bool}$

$I^{\vee} \neq B2x2 \text{ Bool}$

$I^{\vee} \neq I \text{ Bool}$

$I^{\vee} \neq I2 \text{ Bool}$

$I^{\vee} \neq I1x2 \text{ Bool}$

$I^{\vee} \neq I2x2 \text{ Bool}$

$I^{\vee} \neq F \text{ Bool}$

$I^{\vee} \neq F2 \text{ Bool}$

I V.≠ F1x2 ⊃ Bool

I V.≠ F2x2 ⊃ Bool

I V.< B ⊃ Bool

I V.< B2 ⊃ Bool

I V.< B1x2 ⊃ Bool

I V.< B2x2 ⊃ Bool

I V.< I ⊃ Bool

I V.< I2 ⊃ Bool

I V.< I1x2 ⊃ Bool

I V.< I2x2 ⊃ Bool

I V.< F ⊃ Bool

I V.< F2 ⊃ Bool

I V.< F1x2 ⊃ Bool

I V.< F2x2 ⊃ Bool

I V.> B ⊃ Bool

I V.> B2 ⊃ Bool

I V.> B1x2 ⊃ Bool

I V.> B2x2 ⊃ Bool

I V.> I ⊃ Bool

I V.> I2 ⊃ Bool

I V.> I1x2 ⊃ Bool

I V.> I2x2 ⊃ Bool

I V.> F ⊃ Bool

I V.> F2 ⊃ Bool

I V.> F1x2 ⊃ Bool

I V.> F2x2 ⊃ Bool

$I V. \leq B \text{ Bool}$

$I V. \leq B2 \text{ Bool}$

$I V. \leq B1x2 \text{ Bool}$

$I V. \leq B2x2 \text{ Bool}$

$I V. \leq I \text{ Bool}$

$I V. \leq I2 \text{ Bool}$

$I V. \leq I1x2 \text{ Bool}$

$I V. \leq I2x2 \text{ Bool}$

$I V. \leq F \text{ Bool}$

$I V. \leq F2 \text{ Bool}$

$I V. \leq F1x2 \text{ Bool}$

$I V. \leq F2x2 \text{ Bool}$

$I V. \geq B \text{ Bool}$

$I V. \geq B2 \text{ Bool}$

$I V. \geq B1x2 \text{ Bool}$

$I V. \geq B2x2 \text{ Bool}$

$I V. \geq I \text{ Bool}$

$I V. \geq I2 \text{ Bool}$

$I V. \geq I1x2 \text{ Bool}$

$I V. \geq I2x2 \text{ Bool}$

$I V. \geq F \text{ Bool}$

$I V. \geq F2 \text{ Bool}$

$I V. \geq F1x2 \text{ Bool}$

$I V. \geq F2x2 \text{ Bool}$

$I2 \wedge = B \text{ Bool}$

$I2 \wedge = B2 \text{ Bool}$

$I2 \wedge = B2x2 \text{ Bool}$

$I2 \wedge = I \text{ Bool}$

$I2 \wedge = I2 \text{ Bool}$

$I2 \wedge = I2x2 \text{ Bool}$

$I2 \wedge = F \text{ Bool}$

$I2 \wedge = F2 \text{ Bool}$

$I2 \wedge = F2x2 \text{ Bool}$

$I2 \wedge \neq B \text{ Bool}$

$I2 \wedge \neq B2 \text{ Bool}$

$I2 \wedge \neq B2x2 \text{ Bool}$

$I2 \wedge \neq I \text{ Bool}$

$I2 \wedge \neq I2 \text{ Bool}$

$I2 \wedge \neq I2x2 \text{ Bool}$

$I2 \wedge \neq F \text{ Bool}$

$I2 \wedge \neq F2 \text{ Bool}$

$I2 \wedge \neq F2x2 \text{ Bool}$

$I2 \wedge < B \text{ Bool}$

$I2 \wedge < B2 \text{ Bool}$

$I2 \wedge < B2x2 \text{ Bool}$

$I2 \wedge < I \text{ Bool}$

$I2 \wedge < I2 \text{ Bool}$

$I2 \wedge < I2x2 \text{ Bool}$

$I2 \wedge < F \text{ Bool}$

$I2 \wedge < F2 \text{ Bool}$

$I2 \wedge < F2x2 \text{ Bool}$

$I2 \wedge > B \text{ Bool}$

$I2 \wedge .> B2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .> B2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .> I \text{ } \rho \text{ } Bool$
 $I2 \wedge .> I2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .> I2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .> F \text{ } \rho \text{ } Bool$
 $I2 \wedge .> F2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .> F2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq B \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq B2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq B2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq I \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq I2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq I2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq F \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq F2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\leq F2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq B \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq B2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq B2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq I \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq I2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq I2x2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq F \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq F2 \text{ } \rho \text{ } Bool$
 $I2 \wedge .\geq F2x2 \text{ } \rho \text{ } Bool$

I2 V.= B Bool
I2 V.= B2 Bool
I2 V.= B2x2 Bool
I2 V.= I Bool
I2 V.= I2 Bool
I2 V.= I2x2 Bool
I2 V.= F Bool
I2 V.= F2 Bool
I2 V.= F2x2 Bool
I2 V.≠ B Bool
I2 V.≠ B2 Bool
I2 V.≠ B2x2 Bool
I2 V.≠ I Bool
I2 V.≠ I2 Bool
I2 V.≠ I2x2 Bool
I2 V.≠ F Bool
I2 V.≠ F2 Bool
I2 V.≠ F2x2 Bool
I2 V.< B Bool
I2 V.< B2 Bool
I2 V.< B2x2 Bool
I2 V.< I Bool
I2 V.< I2 Bool
I2 V.< I2x2 Bool
I2 V.< F Bool
I2 V.< F2 Bool

I2 V.< F2x2 ̐Bool

I2 V.> B ̐Bool

I2 V.> B2 ̐Bool

I2 V.> B2x2 ̐Bool

I2 V.> I ̐Bool

I2 V.> I2 ̐Bool

I2 V.> I2x2 ̐Bool

I2 V.> F ̐Bool

I2 V.> F2 ̐Bool

I2 V.> F2x2 ̐Bool

I2 V.≤ B ̐Bool

I2 V.≤ B2 ̐Bool

I2 V.≤ B2x2 ̐Bool

I2 V.≤ I ̐Bool

I2 V.≤ I2 ̐Bool

I2 V.≤ I2x2 ̐Bool

I2 V.≤ F ̐Bool

I2 V.≤ F2 ̐Bool

I2 V.≤ F2x2 ̐Bool

I2 V.≥ B ̐Bool

I2 V.≥ B2 ̐Bool

I2 V.≥ B2x2 ̐Bool

I2 V.≥ I ̐Bool

I2 V.≥ I2 ̐Bool

I2 V.≥ I2x2 ̐Bool

I2 V.≥ F ̐Bool

$I2 \vee \geq F2 \text{ Bool}$

$I2 \vee \geq F2x2 \text{ Bool}$

$F \wedge = B \text{ Bool}$

$F \wedge = B2 \text{ Bool}$

$F \wedge = B1x2 \text{ Bool}$

$F \wedge = B2x2 \text{ Bool}$

$F \wedge = I \text{ Bool}$

$F \wedge = I2 \text{ Bool}$

$F \wedge = I1x2 \text{ Bool}$

$F \wedge = I2x2 \text{ Bool}$

$F \wedge = F \text{ Bool}$

$F \wedge = F2 \text{ Bool}$

$F \wedge = F1x2 \text{ Bool}$

$F \wedge = F2x2 \text{ Bool}$

$F \wedge \neq B \text{ Bool}$

$F \wedge \neq B2 \text{ Bool}$

$F \wedge \neq B1x2 \text{ Bool}$

$F \wedge \neq B2x2 \text{ Bool}$

$F \wedge \neq I \text{ Bool}$

$F \wedge \neq I2 \text{ Bool}$

$F \wedge \neq I1x2 \text{ Bool}$

$F \wedge \neq I2x2 \text{ Bool}$

$F \wedge \neq F \text{ Bool}$

$F \wedge \neq F2 \text{ Bool}$

$F \wedge \neq F1x2 \text{ Bool}$

$F \wedge \neq F2x2 \text{ Bool}$

$F^{<} B \text{ Bool}$

$F^{<} B2 \text{ Bool}$

$F^{<} B1x2 \text{ Bool}$

$F^{<} B2x2 \text{ Bool}$

$F^{<} I \text{ Bool}$

$F^{<} I2 \text{ Bool}$

$F^{<} I1x2 \text{ Bool}$

$F^{<} I2x2 \text{ Bool}$

$F^{<} F \text{ Bool}$

$F^{<} F2 \text{ Bool}$

$F^{<} F1x2 \text{ Bool}$

$F^{<} F2x2 \text{ Bool}$

$F^{>} B \text{ Bool}$

$F^{>} B2 \text{ Bool}$

$F^{>} B1x2 \text{ Bool}$

$F^{>} B2x2 \text{ Bool}$

$F^{>} I \text{ Bool}$

$F^{>} I2 \text{ Bool}$

$F^{>} I1x2 \text{ Bool}$

$F^{>} I2x2 \text{ Bool}$

$F^{>} F \text{ Bool}$

$F^{>} F2 \text{ Bool}$

$F^{>} F1x2 \text{ Bool}$

$F^{>} F2x2 \text{ Bool}$

$F^{<=} B \text{ Bool}$

$F^{<=} B2 \text{ Bool}$

$F \wedge \leq B1x2 \text{ } \rho \text{ } Bool$

$F \wedge \leq B2x2 \text{ } \rho \text{ } Bool$

$F \wedge \leq I \text{ } \rho \text{ } Bool$

$F \wedge \leq I2 \text{ } \rho \text{ } Bool$

$F \wedge \leq I1x2 \text{ } \rho \text{ } Bool$

$F \wedge \leq I2x2 \text{ } \rho \text{ } Bool$

$F \wedge \leq F \text{ } \rho \text{ } Bool$

$F \wedge \leq F2 \text{ } \rho \text{ } Bool$

$F \wedge \leq F1x2 \text{ } \rho \text{ } Bool$

$F \wedge \leq F2x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq B \text{ } \rho \text{ } Bool$

$F \wedge \geq B2 \text{ } \rho \text{ } Bool$

$F \wedge \geq B1x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq B2x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq I \text{ } \rho \text{ } Bool$

$F \wedge \geq I2 \text{ } \rho \text{ } Bool$

$F \wedge \geq I1x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq I2x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq F \text{ } \rho \text{ } Bool$

$F \wedge \geq F2 \text{ } \rho \text{ } Bool$

$F \wedge \geq F1x2 \text{ } \rho \text{ } Bool$

$F \wedge \geq F2x2 \text{ } \rho \text{ } Bool$

$F \vee = B \text{ } \rho \text{ } Bool$

$F \vee = B2 \text{ } \rho \text{ } Bool$

$F \vee = B1x2 \text{ } \rho \text{ } Bool$

$F \vee = B2x2 \text{ } \rho \text{ } Bool$

F V.= I ρ Bool

F V.= I2 ρ Bool

F V.= I1x2 ρ Bool

F V.= I2x2 ρ Bool

F V.= F ρ Bool

F V.= F2 ρ Bool

F V.= F1x2 ρ Bool

F V.= F2x2 ρ Bool

F V. \neq B ρ Bool

F V. \neq B2 ρ Bool

F V. \neq B1x2 ρ Bool

F V. \neq B2x2 ρ Bool

F V. \neq I ρ Bool

F V. \neq I2 ρ Bool

F V. \neq I1x2 ρ Bool

F V. \neq I2x2 ρ Bool

F V. \neq F ρ Bool

F V. \neq F2 ρ Bool

F V. \neq F1x2 ρ Bool

F V. \neq F2x2 ρ Bool

F V.< B ρ Bool

F V.< B2 ρ Bool

F V.< B1x2 ρ Bool

F V.< B2x2 ρ Bool

F V.< I ρ Bool

F V.< I2 ρ Bool

F V.< I1x2 ʘ Bool

F V.< I2x2 ʘ Bool

F V.< F ʘ Bool

F V.< F2 ʘ Bool

F V.< F1x2 ʘ Bool

F V.< F2x2 ʘ Bool

F V.> B ʘ Bool

F V.> B2 ʘ Bool

F V.> B1x2 ʘ Bool

F V.> B2x2 ʘ Bool

F V.> I ʘ Bool

F V.> I2 ʘ Bool

F V.> I1x2 ʘ Bool

F V.> I2x2 ʘ Bool

F V.> F ʘ Bool

F V.> F2 ʘ Bool

F V.> F1x2 ʘ Bool

F V.> F2x2 ʘ Bool

F V.≤ B ʘ Bool

F V.≤ B2 ʘ Bool

F V.≤ B1x2 ʘ Bool

F V.≤ B2x2 ʘ Bool

F V.≤ I ʘ Bool

F V.≤ I2 ʘ Bool

F V.≤ I1x2 ʘ Bool

F V.≤ I2x2 ʘ Bool

$F V. \leq F \text{ Bool}$

$F V. \leq F2 \text{ Bool}$

$F V. \leq F1x2 \text{ Bool}$

$F V. \leq F2x2 \text{ Bool}$

$F V. \geq B \text{ Bool}$

$F V. \geq B2 \text{ Bool}$

$F V. \geq B1x2 \text{ Bool}$

$F V. \geq B2x2 \text{ Bool}$

$F V. \geq I \text{ Bool}$

$F V. \geq I2 \text{ Bool}$

$F V. \geq I1x2 \text{ Bool}$

$F V. \geq I2x2 \text{ Bool}$

$F V. \geq F \text{ Bool}$

$F V. \geq F2 \text{ Bool}$

$F V. \geq F1x2 \text{ Bool}$

$F V. \geq F2x2 \text{ Bool}$

$F2 \wedge = B \text{ Bool}$

$F2 \wedge = B2 \text{ Bool}$

$F2 \wedge = B2x2 \text{ Bool}$

$F2 \wedge = I \text{ Bool}$

$F2 \wedge = I2 \text{ Bool}$

$F2 \wedge = I2x2 \text{ Bool}$

$F2 \wedge = F \text{ Bool}$

$F2 \wedge = F2 \text{ Bool}$

$F2 \wedge = F2x2 \text{ Bool}$

$F2 \wedge \neq B \text{ Bool}$

F2 ^.= B2 |Bool
F2 ^.= B2x2 |Bool
F2 ^.= I |Bool
F2 ^.= I2 |Bool
F2 ^.= I2x2 |Bool
F2 ^.= F |Bool
F2 ^.= F2 |Bool
F2 ^.= F2x2 |Bool
F2 ^.< B |Bool
F2 ^.< B2 |Bool
F2 ^.< B2x2 |Bool
F2 ^.< I |Bool
F2 ^.< I2 |Bool
F2 ^.< I2x2 |Bool
F2 ^.< F |Bool
F2 ^.< F2 |Bool
F2 ^.< F2x2 |Bool
F2 ^.> B |Bool
F2 ^.> B2 |Bool
F2 ^.> B2x2 |Bool
F2 ^.> I |Bool
F2 ^.> I2 |Bool
F2 ^.> I2x2 |Bool
F2 ^.> F |Bool
F2 ^.> F2 |Bool
F2 ^.> F2x2 |Bool

$F2 \wedge \leq B \text{ Bool}$

$F2 \wedge \leq B2 \text{ Bool}$

$F2 \wedge \leq B2 \times 2 \text{ Bool}$

$F2 \wedge \leq I \text{ Bool}$

$F2 \wedge \leq I2 \text{ Bool}$

$F2 \wedge \leq I2 \times 2 \text{ Bool}$

$F2 \wedge \leq F \text{ Bool}$

$F2 \wedge \leq F2 \text{ Bool}$

$F2 \wedge \leq F2 \times 2 \text{ Bool}$

$F2 \wedge \geq B \text{ Bool}$

$F2 \wedge \geq B2 \text{ Bool}$

$F2 \wedge \geq B2 \times 2 \text{ Bool}$

$F2 \wedge \geq I \text{ Bool}$

$F2 \wedge \geq I2 \text{ Bool}$

$F2 \wedge \geq I2 \times 2 \text{ Bool}$

$F2 \wedge \geq F \text{ Bool}$

$F2 \wedge \geq F2 \text{ Bool}$

$F2 \wedge \geq F2 \times 2 \text{ Bool}$

$F2 \vee = B \text{ Bool}$

$F2 \vee = B2 \text{ Bool}$

$F2 \vee = B2 \times 2 \text{ Bool}$

$F2 \vee = I \text{ Bool}$

$F2 \vee = I2 \text{ Bool}$

$F2 \vee = I2 \times 2 \text{ Bool}$

$F2 \vee = F \text{ Bool}$

$F2 \vee = F2 \text{ Bool}$

F2 V.= F2x2 ⊞ Bool

F2 V.≠ B ⊞ Bool

F2 V.≠ B2 ⊞ Bool

F2 V.≠ B2x2 ⊞ Bool

F2 V.≠ I ⊞ Bool

F2 V.≠ I2 ⊞ Bool

F2 V.≠ I2x2 ⊞ Bool

F2 V.≠ F ⊞ Bool

F2 V.≠ F2 ⊞ Bool

F2 V.≠ F2x2 ⊞ Bool

F2 V.< B ⊞ Bool

F2 V.< B2 ⊞ Bool

F2 V.< B2x2 ⊞ Bool

F2 V.< I ⊞ Bool

F2 V.< I2 ⊞ Bool

F2 V.< I2x2 ⊞ Bool

F2 V.< F ⊞ Bool

F2 V.< F2 ⊞ Bool

F2 V.< F2x2 ⊞ Bool

F2 V.> B ⊞ Bool

F2 V.> B2 ⊞ Bool

F2 V.> B2x2 ⊞ Bool

F2 V.> I ⊞ Bool

F2 V.> I2 ⊞ Bool

F2 V.> I2x2 ⊞ Bool

F2 V.> F ⊞ Bool

$Z^{\wedge} = W1x2 \text{ Bool}$

$Z^{\wedge} = W2x2 \text{ Bool}$

$Z^{\wedge} \neq Z \text{ Bool}$

$Z^{\wedge} \neq Z2 \text{ Bool}$

$Z^{\wedge} \neq Z1x2 \text{ Bool}$

$Z^{\wedge} \neq Z2x2 \text{ Bool}$

$Z^{\wedge} \neq W \text{ Bool}$

$Z^{\wedge} \neq W1 \text{ Bool}$

$Z^{\wedge} \neq W1x2 \text{ Bool}$

$Z^{\wedge} \neq W2x2 \text{ Bool}$

$ZV = Z \text{ Bool}$

$ZV = Z2 \text{ Bool}$

$ZV = Z1x2 \text{ Bool}$

$ZV = Z2x2 \text{ Bool}$

$ZV = W \text{ Bool}$

$ZV = W1 \text{ Bool}$

$ZV = W1x2 \text{ Bool}$

$ZV = W2x2 \text{ Bool}$

$ZV \neq Z \text{ Bool}$

$ZV \neq Z2 \text{ Bool}$

$ZV \neq Z1x2 \text{ Bool}$

$ZV \neq Z2x2 \text{ Bool}$

$ZV \neq W \text{ Bool}$

$ZV \neq W1 \text{ Bool}$

$ZV \neq W1x2 \text{ Bool}$

$ZV \neq W2x2 \text{ Bool}$

$Z2 \wedge = Z \text{ Bool}$

$Z2 \wedge = Z2 \text{ Bool}$

$Z2 \wedge = Z2x2 \text{ Bool}$

$Z2 \wedge = W \text{ Bool}$

$Z2 \wedge = W1 \text{ Bool}$

$Z2 \wedge = W2x2 \text{ Bool}$

$Z2 \wedge \neq Z \text{ Bool}$

$Z2 \wedge \neq Z2 \text{ Bool}$

$Z2 \wedge \neq Z2x2 \text{ Bool}$

$Z2 \wedge \neq W \text{ Bool}$

$Z2 \wedge \neq W1 \text{ Bool}$

$Z2 \wedge \neq W2x2 \text{ Bool}$

$Z2 \vee = Z \text{ Bool}$

$Z2 \vee = Z2 \text{ Bool}$

$Z2 \vee = Z2x2 \text{ Bool}$

$Z2 \vee = W \text{ Bool}$

$Z2 \vee = W1 \text{ Bool}$

$Z2 \vee = W2x2 \text{ Bool}$

$Z2 \vee \neq Z \text{ Bool}$

$Z2 \vee \neq Z2 \text{ Bool}$

$Z2 \vee \neq Z2x2 \text{ Bool}$

$Z2 \vee \neq W \text{ Bool}$

$Z2 \vee \neq W1 \text{ Bool}$

$Z2 \vee \neq W2x2 \text{ Bool}$

$W \wedge = Z \text{ Bool}$

$W \wedge = Z2 \text{ Bool}$

$W^{\wedge} = Z^{2 \times 2} \text{ Bool}$

$W^{\wedge} = W \text{ Bool}$

$W^{\wedge} = W1 \text{ Bool}$

$W^{\wedge} = W^{2 \times 2} \text{ Bool}$

$W^{\wedge} \neq Z \text{ Bool}$

$W^{\wedge} \neq Z^2 \text{ Bool}$

$W^{\wedge} \neq Z^{2 \times 2} \text{ Bool}$

$W^{\wedge} \neq W \text{ Bool}$

$W^{\wedge} \neq W1 \text{ Bool}$

$W^{\wedge} \neq W^{2 \times 2} \text{ Bool}$

$W^{\vee} = Z \text{ Bool}$

$W^{\vee} = Z^2 \text{ Bool}$

$W^{\vee} = Z^{2 \times 2} \text{ Bool}$

$W^{\vee} = W \text{ Bool}$

$W^{\vee} = W1 \text{ Bool}$

$W^{\vee} = W^{2 \times 2} \text{ Bool}$

$W^{\vee} \neq Z \text{ Bool}$

$W^{\vee} \neq Z^2 \text{ Bool}$

$W^{\vee} \neq Z^{2 \times 2} \text{ Bool}$

$W^{\vee} \neq W \text{ Bool}$

$W^{\vee} \neq W1 \text{ Bool}$

$W^{\vee} \neq W^{2 \times 2} \text{ Bool}$

$W1^{\wedge} = Z \text{ Bool}$

$W1^{\wedge} = Z^2 \text{ Bool}$

$W1^{\wedge} = Z^{1 \times 2} \text{ Bool}$

$W1^{\wedge} = Z^{2 \times 2} \text{ Bool}$

$W1 \wedge = W \text{ Bool}$

$W1 \wedge = W1 \text{ Bool}$

$W1 \wedge = W1x2 \text{ Bool}$

$W1 \wedge = W2x2 \text{ Bool}$

$W1 \wedge \neq Z \text{ Bool}$

$W1 \wedge \neq Z2 \text{ Bool}$

$W1 \wedge \neq Z1x2 \text{ Bool}$

$W1 \wedge \neq Z2x2 \text{ Bool}$

$W1 \wedge \neq W \text{ Bool}$

$W1 \wedge \neq W1 \text{ Bool}$

$W1 \wedge \neq W1x2 \text{ Bool}$

$W1 \wedge \neq W2x2 \text{ Bool}$

$W1 \vee = Z \text{ Bool}$

$W1 \vee = Z2 \text{ Bool}$

$W1 \vee = Z1x2 \text{ Bool}$

$W1 \vee = Z2x2 \text{ Bool}$

$W1 \vee = W \text{ Bool}$

$W1 \vee = W1 \text{ Bool}$

$W1 \vee = W1x2 \text{ Bool}$

$W1 \vee = W2x2 \text{ Bool}$

$W1 \vee \neq Z \text{ Bool}$

$W1 \vee \neq Z2 \text{ Bool}$

$W1 \vee \neq Z1x2 \text{ Bool}$

$W1 \vee \neq Z2x2 \text{ Bool}$

$W1 \vee \neq W \text{ Bool}$

$W1 \vee \neq W1 \text{ Bool}$

$W1 \vee \neq W1x2 \text{ } \rho \text{ } \text{Bool}$

$W1 \vee \neq W2x2 \text{ } \rho \text{ } \text{Bool}$

$Z += Z \text{ } \rho \text{ } \text{Bool}$

$Z += Z2 \text{ } \rho \text{ } \text{Int}$

$Z += Z1x2 \text{ } \rho \text{ } \text{Bool}$

$Z += Z2x2 \text{ } \rho \text{ } \text{Int}$

$Z += W \text{ } \rho \text{ } \text{Int}$

$Z += W1 \text{ } \rho \text{ } \text{Bool}$

$Z += W1x2 \text{ } \rho \text{ } \text{Bool}$

$Z += W2x2 \text{ } \rho \text{ } \text{Int}$

$Z2 += Z \text{ } \rho \text{ } \text{Int}$

$Z2 += Z2 \text{ } \rho \text{ } \text{Int}$

$Z2 += Z2x2 \text{ } \rho \text{ } \text{Int}$

$Z2 += W \text{ } \rho \text{ } \text{Int}$

$Z2 += W1 \text{ } \rho \text{ } \text{Int}$

$Z2 += W2x2 \text{ } \rho \text{ } \text{Int}$

$W += Z \text{ } \rho \text{ } \text{Int}$

$W += Z2 \text{ } \rho \text{ } \text{Int}$

$W += Z2x2 \text{ } \rho \text{ } \text{Int}$

$W += W \text{ } \rho \text{ } \text{Int}$

$W += W1 \text{ } \rho \text{ } \text{Int}$

$W += W2x2 \text{ } \rho \text{ } \text{Int}$

$W1 += Z \text{ } \rho \text{ } \text{Bool}$

$W1 += Z2 \text{ } \rho \text{ } \text{Int}$

$W1 += Z1x2 \text{ } \rho \text{ } \text{Bool}$

$W1 += Z2x2 \text{ } \rho \text{ } \text{Int}$

$W1 += W \text{ @Int}$

$W1 += W1 \text{ @Bool}$

$W1 += W1x2 \text{ @Bool}$

$W1 += W2x2 \text{ @Int}$

$B \circ + B \text{ @Int}$

$B \circ + B \text{ @Double}$

$B \circ + I \text{ @Int}$

$B \circ + I \text{ @Double}$

$B \circ + F \text{ @Double}$

$B \circ - B \text{ @Int}$

$B \circ - B \text{ @Double}$

$B \circ - I \text{ @Int}$

$B \circ - I \text{ @Double}$

$B \circ - F \text{ @Double}$

$B \circ \times B \text{ @Bool}$

$B \circ \times I \text{ @Int}$

$B \circ \times F \text{ @Double}$

$B \circ \div B \text{ @Double}$

$B \circ \div I \text{ @Double}$

$B \circ \div F \text{ @Double}$

$B \circ * B \text{ @Bool}$

$B \circ * I \text{ @Int}$

$B \circ * I \text{ @Double}$

$B \circ * F \text{ @Double}$

$B \circ \circ B \text{ @Double}$

$B \circ \circ I \text{ @Double}$

$B \circ \circ F \text{ } \rho \text{ } \text{Double}$

$B \circ \star B \text{ } \rho \text{ } \text{Double}$

$B \circ \star I \text{ } \rho \text{ } \text{Double}$

$B \circ \star F \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot I \text{ } \rho \text{ } \text{Int}$

$B \circ \cdot F \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot I \text{ } \rho \text{ } \text{Int}$

$B \circ \cdot F \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot I \text{ } \rho \text{ } \text{Int}$

$B \circ \cdot F \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot ! B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot ! I \text{ } \rho \text{ } \text{Int}$

$B \circ \cdot ! I \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot ! F \text{ } \rho \text{ } \text{Double}$

$B \circ \cdot = B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot = I \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot = F \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot \neq B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot \neq I \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot \neq F \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot < B \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot < I \text{ } \rho \text{ } \text{Bool}$

$B \circ \cdot < F \text{ } \rho \text{ } \text{Bool}$

$B \circ \leq B \text{ Bool}$

$B \circ \leq I \text{ Bool}$

$B \circ \leq F \text{ Bool}$

$B \circ > B \text{ Bool}$

$B \circ > I \text{ Bool}$

$B \circ > F \text{ Bool}$

$B \circ \geq B \text{ Bool}$

$B \circ \geq I \text{ Bool}$

$B \circ \geq F \text{ Bool}$

$B \circ \wedge B \text{ Bool}$

$B \circ \wedge I \text{ Bool}$

$B \circ \wedge F \text{ Bool}$

$B \circ \vee B \text{ Bool}$

$B \circ \vee I \text{ Bool}$

$B \circ \vee F \text{ Bool}$

$B \circ \wedge B \text{ Bool}$

$B \circ \wedge I \text{ Bool}$

$B \circ \wedge F \text{ Bool}$

$B \circ \forall B \text{ Bool}$

$B \circ \forall I \text{ Bool}$

$B \circ \forall F \text{ Bool}$

$I \circ + B \text{ Int}$

$I \circ + B \text{ Double}$

$I \circ + I \text{ Int}$

$I \circ + I \text{ Double}$

$I \circ + F \text{ Double}$

$I \circ - B \text{ } \rho \text{ } \text{Int}$

$I \circ - B \text{ } \rho \text{ } \text{Double}$

$I \circ - I \text{ } \rho \text{ } \text{Int}$

$I \circ - I \text{ } \rho \text{ } \text{Double}$

$I \circ - F \text{ } \rho \text{ } \text{Double}$

$I \circ \times B \text{ } \rho \text{ } \text{Int}$

$I \circ \times I \text{ } \rho \text{ } \text{Int}$

$I \circ \times I \text{ } \rho \text{ } \text{Double}$

$I \circ \times F \text{ } \rho \text{ } \text{Double}$

$I \circ \div B \text{ } \rho \text{ } \text{Double}$

$I \circ \div I \text{ } \rho \text{ } \text{Double}$

$I \circ \div F \text{ } \rho \text{ } \text{Double}$

$I \circ * B \text{ } \rho \text{ } \text{Int}$

$I \circ * B \text{ } \rho \text{ } \text{Double}$

$I \circ * I \text{ } \rho \text{ } \text{Int}$

$I \circ * I \text{ } \rho \text{ } \text{Double}$

$I \circ * F \text{ } \rho \text{ } \text{Double}$

$I \circ \circ B \text{ } \rho \text{ } \text{Double}$

$I \circ \circ I \text{ } \rho \text{ } \text{Double}$

$I \circ \circ F \text{ } \rho \text{ } \text{Double}$

$I \circ \otimes B \text{ } \rho \text{ } \text{Double}$

$I \circ \otimes I \text{ } \rho \text{ } \text{Double}$

$I \circ \otimes F \text{ } \rho \text{ } \text{Double}$

$I \circ | B \text{ } \rho \text{ } \text{Int}$

$I \circ | I \text{ } \rho \text{ } \text{Int}$

$I \circ | F \text{ } \rho \text{ } \text{Double}$

$I \circ [B \text{ } \rho] \text{Int}$

$I \circ [I \text{ } \rho] \text{Int}$

$I \circ [F \text{ } \rho] \text{Double}$

$I \circ [B \text{ } \rho] \text{Int}$

$I \circ [I \text{ } \rho] \text{Int}$

$I \circ [F \text{ } \rho] \text{Double}$

$I \circ ! B \text{ } \rho] \text{Int}$

$I \circ ! B \text{ } \rho] \text{Double}$

$I \circ ! I \text{ } \rho] \text{Int}$

$I \circ ! I \text{ } \rho] \text{Double}$

$I \circ ! F \text{ } \rho] \text{Double}$

$I \circ = B \text{ } \rho] \text{Bool}$

$I \circ = I \text{ } \rho] \text{Bool}$

$I \circ = F \text{ } \rho] \text{Bool}$

$I \circ \neq B \text{ } \rho] \text{Bool}$

$I \circ \neq I \text{ } \rho] \text{Bool}$

$I \circ \neq F \text{ } \rho] \text{Bool}$

$I \circ < B \text{ } \rho] \text{Bool}$

$I \circ < I \text{ } \rho] \text{Bool}$

$I \circ < F \text{ } \rho] \text{Bool}$

$I \circ \leq B \text{ } \rho] \text{Bool}$

$I \circ \leq I \text{ } \rho] \text{Bool}$

$I \circ \leq F \text{ } \rho] \text{Bool}$

$I \circ > B \text{ } \rho] \text{Bool}$

$I \circ > I \text{ } \rho] \text{Bool}$

$I \circ > F \text{ } \rho] \text{Bool}$

$I \circ \geq B \text{ Bool}$

$I \circ \geq I \text{ Bool}$

$I \circ \geq F \text{ Bool}$

$I \circ \wedge B \text{ Bool}$

$I \circ \wedge I \text{ Bool}$

$I \circ \wedge F \text{ Bool}$

$I \circ \vee B \text{ Bool}$

$I \circ \vee I \text{ Bool}$

$I \circ \vee F \text{ Bool}$

$I \circ \wedge B \text{ Bool}$

$I \circ \wedge I \text{ Bool}$

$I \circ \wedge F \text{ Bool}$

$I \circ \forall B \text{ Bool}$

$I \circ \forall I \text{ Bool}$

$I \circ \forall F \text{ Bool}$

$F \circ + B \text{ Double}$

$F \circ + I \text{ Double}$

$F \circ + F \text{ Double}$

$F \circ - B \text{ Double}$

$F \circ - I \text{ Double}$

$F \circ - F \text{ Double}$

$F \circ \times B \text{ Double}$

$F \circ \times I \text{ Double}$

$F \circ \times F \text{ Double}$

$F \circ \div B \text{ Double}$

$F \circ \div I \text{ Double}$

F ◦.÷ F ∩ Double

F ◦.* B ∩ Double

F ◦.* I ∩ Double

F ◦.* F ∩ Double

F ◦.○ B ∩ Double

F ◦.○ I ∩ Double

F ◦.○ F ∩ Double

F ◦.⊛ B ∩ Double

F ◦.⊛ I ∩ Double

F ◦.⊛ F ∩ Double

F ◦.| B ∩ Double

F ◦.| I ∩ Double

F ◦.| F ∩ Double

F ◦.└ B ∩ Double

F ◦.└ I ∩ Double

F ◦.└ F ∩ Double

F ◦.┌ B ∩ Double

F ◦.┌ I ∩ Double

F ◦.┌ F ∩ Double

F ◦.! B ∩ Double

F ◦.! I ∩ Double

F ◦.! F ∩ Double

F ◦.= B ∩ Bool

F ◦.= I ∩ Bool

F ◦.= F ∩ Bool

F ◦.≠ B ∩ Bool

$F \circ \neq I \text{ Bool}$

$F \circ \neq F \text{ Bool}$

$F \circ < B \text{ Bool}$

$F \circ < I \text{ Bool}$

$F \circ < F \text{ Bool}$

$F \circ \leq B \text{ Bool}$

$F \circ \leq I \text{ Bool}$

$F \circ \leq F \text{ Bool}$

$F \circ > B \text{ Bool}$

$F \circ > I \text{ Bool}$

$F \circ > F \text{ Bool}$

$F \circ \geq B \text{ Bool}$

$F \circ \geq I \text{ Bool}$

$F \circ \geq F \text{ Bool}$

$F \circ \wedge B \text{ Bool}$

$F \circ \wedge I \text{ Bool}$

$F \circ \wedge F \text{ Bool}$

$F \circ \vee B \text{ Bool}$

$F \circ \vee I \text{ Bool}$

$F \circ \vee F \text{ Bool}$

$F \circ \& B \text{ Bool}$

$F \circ \& I \text{ Bool}$

$F \circ \& F \text{ Bool}$

$F \circ \forall B \text{ Bool}$

$F \circ \forall I \text{ Bool}$

$F \circ \forall F \text{ Bool}$

Z ◦. = Z ⊃ Bool

Z ◦. = W ⊃ Bool

W ◦. = Z ⊃ Bool

W ◦. = W ⊃ Bool

+ / I2 ⊃ Int

+ / I2 ⊃ Double

+ / I3 ⊃ Int

+ / I3 ⊃ Double

+ / F2 ⊃ Double

+ / F3 ⊃ Double

- / B2 ⊃ Int

- / B2 ⊃ Double

- / B3 ⊃ Int

- / B3 ⊃ Double

- / I2 ⊃ Int

- / I2 ⊃ Double

- / I3 ⊃ Int

- / I3 ⊃ Double

- / F2 ⊃ Double

- / F3 ⊃ Double

× / B2 ⊃ Bool

× / B3 ⊃ Bool

× / I2 ⊃ Int

× / I2 ⊃ Double

× / I3 ⊃ Int

× / I3 ⊃ Double

× / F2 ʘDouble

× / F3 ʘDouble

÷ / B2 ʘDouble

÷ / B3 ʘDouble

÷ / I2 ʘDouble

÷ / I3 ʘDouble

÷ / F2 ʘDouble

÷ / F3 ʘDouble

* / B2 ʘBool

* / B3 ʘBool

* / I2 ʘInt

* / I2 ʘDouble

* / I3 ʘInt

* / I3 ʘDouble

* / F2 ʘDouble

* / F3 ʘDouble

○ / B2 ʘDouble

○ / B3 ʘDouble

○ / I2 ʘDouble

○ / I3 ʘDouble

○ / F2 ʘDouble

○ / F3 ʘDouble

⊛ / B2 ʘDouble

⊛ / B3 ʘDouble

⊛ / I2 ʘDouble

⊛ / I3 ʘDouble

⊕ / F2 ⊗ Double

⊕ / F3 ⊗ Double

| / B2 ⊗ Bool

| / B3 ⊗ Bool

| / I2 ⊗ Int

| / I3 ⊗ Int

| / F2 ⊗ Double

| / F3 ⊗ Double

[/ B2 ⊗ Bool

[/ B3 ⊗ Bool

[/ I2 ⊗ Int

[/ I3 ⊗ Int

[/ F2 ⊗ Double

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[/ B2 ⊗ Bool

[/ B3 ⊗ Bool

[/ I2 ⊗ Int

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[/ F2 ⊗ Double

[/ F3 ⊗ Double

! / B2 ⊗ Bool

! / B3 ⊗ Bool

! / I2 ⊗ Int

! / I2 ⊗ Double

! / I3 ⊗ Int

! / I3 ⊗ Double

! / F2 ̐Bool

! / F3 ̐Bool

= / B2 ̐Bool

= / B3 ̐Bool

= / I2 ̐Bool

= / I3 ̐Bool

= / F2 ̐Bool

= / F3 ̐Bool

≠ / B2 ̐Bool

≠ / B3 ̐Bool

≠ / I2 ̐Bool

≠ / I3 ̐Bool

≠ / F2 ̐Bool

≠ / F3 ̐Bool

< / B2 ̐Bool

< / B3 ̐Bool

< / I2 ̐Bool

< / I3 ̐Bool

< / F2 ̐Bool

< / F3 ̐Bool

≤ / B2 ̐Bool

≤ / B3 ̐Bool

≤ / I2 ̐Bool

≤ / I3 ̐Bool

≤ / F2 ̐Bool

≤ / F3 ̐Bool

> / B2 \cap Bool

> / B3 \cap Bool

> / I2 \cap Bool

> / I3 \cap Bool

> / F2 \cap Bool

> / F3 \cap Bool

\geq / B2 \cap Bool

\geq / B3 \cap Bool

\geq / I2 \cap Bool

\geq / I3 \cap Bool

\geq / F2 \cap Bool

\geq / F3 \cap Bool

\wedge / I2 \cap Bool

\wedge / I3 \cap Bool

\wedge / F2 \cap Bool

\wedge / F3 \cap Bool

\vee / I2 \cap Bool

\vee / I3 \cap Bool

\vee / F2 \cap Bool

\vee / F3 \cap Bool

\star / B2 \cap Bool

\star / B3 \cap Bool

\star / I2 \cap Bool

\star / I3 \cap Bool

\star / F2 \cap Bool

\star / F3 \cap Bool

✓ / B2 @Bool

✓ / B3 @Bool

✓ / I2 @Bool

✓ / I3 @Bool

✓ / F2 @Bool

✓ / F3 @Bool

+ \ B2 @Int

+ \ B2 @Double

+ \ I2 @Int

+ \ I2 @Double

+ \ F2 @Double

- \ B2 @Int

- \ B2 @Double

- \ I2 @Int

- \ I2 @Double

- \ F2 @Double

× \ B2 @Bool

× \ B3 @Bool

× \ I2 @Int

× \ I2 @Double

× \ F2 @Double

÷ \ B2 @Double

÷ \ I2 @Double

÷ \ F2 @Double

* \ B2 @Bool

* \ B3 @Bool

* \ I2 ʘ Int

* \ I2 ʘ Double

* \ F2 ʘ Double

○ \ B2 ʘ Double

○ \ I2 ʘ Double

○ \ F2 ʘ Double

⊛ \ B2 ʘ Double

⊛ \ I2 ʘ Double

⊛ \ F2 ʘ Double

| \ B2 ʘ Bool

| \ B3 ʘ Bool

| \ I2 ʘ Int

| \ F2 ʘ Double

[\ B2 ʘ Bool

[\ B3 ʘ Bool

[\ I2 ʘ Int

[\ F2 ʘ Double

[\ B2 ʘ Bool

[\ B3 ʘ Bool

[\ I2 ʘ Int

[\ F2 ʘ Double

! \ B2 ʘ Bool

! \ B3 ʘ Bool

! \ I2 ʘ Int

! \ I2 ʘ Double

! \ F2 ʘ Double

$\text{= \ B2 } \wp \text{ Bool}$

$\text{= \ I2 } \wp \text{ Int}$

$\text{= \ F2 } \wp \text{ Double}$

$\text{\# \ B2 } \wp \text{ Bool}$

$\text{\# \ I2 } \wp \text{ Int}$

$\text{\# \ F2 } \wp \text{ Double}$

$\text{< \ B2 } \wp \text{ Bool}$

$\text{< \ B3 } \wp \text{ Bool}$

$\text{< \ I2 } \wp \text{ Int}$

$\text{< \ F2 } \wp \text{ Double}$

$\text{\le \ B2 } \wp \text{ Bool}$

$\text{\le \ B3 } \wp \text{ Bool}$

$\text{\le \ I2 } \wp \text{ Int}$

$\text{\le \ F2 } \wp \text{ Double}$

$\text{> \ B2 } \wp \text{ Bool}$

$\text{> \ B3 } \wp \text{ Bool}$

$\text{> \ I2 } \wp \text{ Int}$

$\text{> \ F2 } \wp \text{ Double}$

$\text{\ge \ B2 } \wp \text{ Bool}$

$\text{\ge \ B3 } \wp \text{ Bool}$

$\text{\ge \ I2 } \wp \text{ Int}$

$\text{\ge \ F2 } \wp \text{ Double}$

$\text{\^ \ I2 } \wp \text{ Bool}$

$\text{\^ \ I3 } \wp \text{ Bool}$

$\text{\^ \ F2 } \wp \text{ Bool}$

$\text{\ve \ I2 } \wp \text{ Bool}$

$V \setminus I3 \text{ Bool}$

$V \setminus F2 \text{ Bool}$

$A \setminus B2 \text{ Bool}$

$A \setminus B3 \text{ Bool}$

$A \setminus I2 \text{ Bool}$

$A \setminus I3 \text{ Bool}$

$A \setminus F2 \text{ Bool}$

$V \setminus B2 \text{ Bool}$

$V \setminus B3 \text{ Bool}$

$V \setminus I2 \text{ Bool}$

$V \setminus I3 \text{ Bool}$

$V \setminus F2 \text{ Bool}$

$+ \neq I2x2 \text{ Int}$

$+ \neq I2x2 \text{ Double}$

$+ \neq I3x2 \text{ Int}$

$+ \neq I3x2 \text{ Double}$

$+ \neq F2x2 \text{ Double}$

$+ \neq F3x2 \text{ Double}$

$- \neq B2x2 \text{ Int}$

$- \neq B2x2 \text{ Double}$

$- \neq B3x2 \text{ Int}$

$- \neq B3x2 \text{ Double}$

$- \neq I2x2 \text{ Int}$

$- \neq I2x2 \text{ Double}$

$- \neq I3x2 \text{ Int}$

$- \neq I3x2 \text{ Double}$

- \neq F2x2 \cap Double
- \neq F3x2 \cap Double
- $\times \neq$ B2x2 \cap Bool
- $\times \neq$ B3x2 \cap Bool
- $\times \neq$ I2x2 \cap Int
- $\times \neq$ I2x2 \cap Double
- $\times \neq$ I3x2 \cap Int
- $\times \neq$ I3x2 \cap Double
- $\times \neq$ F2x2 \cap Double
- $\times \neq$ F3x2 \cap Double
- $\div \neq$ B2x2 \cap Double
- $\div \neq$ B3x2 \cap Double
- $\div \neq$ I2x2 \cap Double
- $\div \neq$ I3x2 \cap Double
- $\div \neq$ F2x2 \cap Double
- $\div \neq$ F3x2 \cap Double
- * \neq B2x2 \cap Bool
- * \neq B3x2 \cap Bool
- * \neq I2x2 \cap Int
- * \neq I2x2 \cap Double
- * \neq I3x2 \cap Int
- * \neq I3x2 \cap Double
- * \neq F2x2 \cap Double
- * \neq F3x2 \cap Double
- $\circ \neq$ B2x2 \cap Double
- $\circ \neq$ B3x2 \cap Double

- ≠ I2x2 ⊗ Double
- ≠ I3x2 ⊗ Double
- ≠ F2x2 ⊗ Double
- ≠ F3x2 ⊗ Double
- ⊗ ≠ B2x2 ⊗ Double
- ⊗ ≠ B3x2 ⊗ Double
- ⊗ ≠ I2x2 ⊗ Double
- ⊗ ≠ I3x2 ⊗ Double
- ⊗ ≠ F2x2 ⊗ Double
- ⊗ ≠ F3x2 ⊗ Double
- | ≠ B2x2 ⊗ Bool
- | ≠ B3x2 ⊗ Bool
- | ≠ I2x2 ⊗ Int
- | ≠ I3x2 ⊗ Int
- | ≠ F2x2 ⊗ Double
- | ≠ F3x2 ⊗ Double
- [≠ B2x2 ⊗ Bool
- [≠ B3x2 ⊗ Bool
- [≠ I2x2 ⊗ Int
- [≠ I3x2 ⊗ Int
- [≠ F2x2 ⊗ Double
- [≠ F3x2 ⊗ Double
- [≠ B2x2 ⊗ Bool
- [≠ B3x2 ⊗ Bool
- [≠ I2x2 ⊗ Int
- [≠ I3x2 ⊗ Int

[≠ F2x2 ⊗ Double

[≠ F3x2 ⊗ Double

! ≠ B2x2 ⊗ Bool

! ≠ B3x2 ⊗ Bool

! ≠ I2x2 ⊗ Int

! ≠ I2x2 ⊗ Double

! ≠ I3x2 ⊗ Int

! ≠ I3x2 ⊗ Double

! ≠ F2x2 ⊗ Double

! ≠ F3x2 ⊗ Double

= ≠ B2x2 ⊗ Bool

= ≠ B3x2 ⊗ Bool

= ≠ I2x2 ⊗ Bool

= ≠ I3x2 ⊗ Bool

= ≠ F2x2 ⊗ Bool

= ≠ F3x2 ⊗ Bool

≠ ≠ B2x2 ⊗ Bool

≠ ≠ B3x2 ⊗ Bool

≠ ≠ I2x2 ⊗ Bool

≠ ≠ I3x2 ⊗ Bool

≠ ≠ F2x2 ⊗ Bool

≠ ≠ F3x2 ⊗ Bool

< ≠ B2x2 ⊗ Bool

< ≠ B3x2 ⊗ Bool

< ≠ I2x2 ⊗ Bool

< ≠ I3x2 ⊗ Bool

$< \neq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$< \neq F3x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq B2x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq B3x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq I3x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$\leq \neq F3x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq B2x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq B3x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq I3x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$> \neq F3x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq B2x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq B3x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq I3x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$\geq \neq F3x2 \text{ } \textcircled{r} \text{ Bool}$

$\wedge \neq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$\wedge \neq I3x2 \text{ } \textcircled{r} \text{ Bool}$

$\wedge \neq F2x2 \text{ } \textcircled{r} \text{ Bool}$

$\wedge \neq F3x2 \text{ } \textcircled{r} \text{ Bool}$

$\vee \neq I2x2 \text{ } \textcircled{r} \text{ Bool}$

$\vee \neq I3x2 \text{ } \textcircled{r} \text{ Bool}$

$\forall \neq F2x2 \text{ } \rho \text{ } Bool$

$\forall \neq F3x2 \text{ } \rho \text{ } Bool$

$\forall \neq B2x2 \text{ } \rho \text{ } Bool$

$\forall \neq B3x2 \text{ } \rho \text{ } Bool$

$\forall \neq I2x2 \text{ } \rho \text{ } Bool$

$\forall \neq I3x2 \text{ } \rho \text{ } Bool$

$\forall \neq F2x2 \text{ } \rho \text{ } Bool$

$\forall \neq F3x2 \text{ } \rho \text{ } Bool$

$\forall \neq B2x2 \text{ } \rho \text{ } Bool$

$\forall \neq B3x2 \text{ } \rho \text{ } Bool$

$\forall \neq I2x2 \text{ } \rho \text{ } Bool$

$\forall \neq I3x2 \text{ } \rho \text{ } Bool$

$\forall \neq F2x2 \text{ } \rho \text{ } Bool$

$\forall \neq F3x2 \text{ } \rho \text{ } Bool$

$+ \forall B2x2 \text{ } \rho \text{ } Int$

$+ \forall B2x2 \text{ } \rho \text{ } Double$

$+ \forall B2x3 \text{ } \rho \text{ } Int$

$+ \forall B2x3 \text{ } \rho \text{ } Double$

$+ \forall I2x2 \text{ } \rho \text{ } Int$

$+ \forall I2x2 \text{ } \rho \text{ } Double$

$+ \forall I2x3 \text{ } \rho \text{ } Int$

$+ \forall I2x3 \text{ } \rho \text{ } Double$

$+ \forall F2x2 \text{ } \rho \text{ } Double$

$+ \forall F2x3 \text{ } \rho \text{ } Double$

$- \forall B2x2 \text{ } \rho \text{ } Int$

$- \forall B2x2 \text{ } \rho \text{ } Double$

- \setminus I2x2 \circlearrowleft Int
- \setminus I2x2 \circlearrowleft Double
- \setminus F2x2 \circlearrowleft Double
- * \setminus B2x2 \circlearrowleft Bool
- * \setminus I2x2 \circlearrowleft Int
- * \setminus I2x2 \circlearrowleft Double
- * \setminus I2x3 \circlearrowleft Int
- * \setminus I2x3 \circlearrowleft Double
- * \setminus F2x2 \circlearrowleft Double
- * \setminus F2x3 \circlearrowleft Double
- ÷ \setminus B2x2 \circlearrowleft Double
- ÷ \setminus I2x2 \circlearrowleft Double
- ÷ \setminus F2x2 \circlearrowleft Double
- * \setminus B2x2 \circlearrowleft Bool
- * \setminus I2x2 \circlearrowleft Int
- * \setminus I2x2 \circlearrowleft Double
- * \setminus F2x2 \circlearrowleft Double
- \setminus B2x2 \circlearrowleft Double
- \setminus I2x2 \circlearrowleft Double
- \setminus F2x2 \circlearrowleft Double
- ⊛ \setminus B2x2 \circlearrowleft Double
- ⊛ \setminus I2x2 \circlearrowleft Double
- ⊛ \setminus F2x2 \circlearrowleft Double
- | \setminus B2x2 \circlearrowleft Bool
- | \setminus I2x2 \circlearrowleft Int
- | \setminus F2x2 \circlearrowleft Double

[\forall B2x2 \Rightarrow Bool
[\forall I2x2 \Rightarrow Int
[\forall I2x3 \Rightarrow Int
[\forall F2x2 \Rightarrow Double
[\forall F2x3 \Rightarrow Double
[\forall B2x2 \Rightarrow Bool
[\forall I2x2 \Rightarrow Int
[\forall I2x3 \Rightarrow Int
[\forall F2x2 \Rightarrow Double
[\forall F2x3 \Rightarrow Double
! \forall B2x2 \Rightarrow Bool
! \forall I2x2 \Rightarrow Int
! \forall I2x2 \Rightarrow Double
! \forall F2x2 \Rightarrow Double
= \forall B2x2 \Rightarrow Bool
= \forall B2x3 \Rightarrow Bool
= \forall I2x2 \Rightarrow Int
= \forall F2x2 \Rightarrow Double
 \neq \forall B2x2 \Rightarrow Bool
 \neq \forall B2x3 \Rightarrow Bool
 \neq \forall I2x2 \Rightarrow Int
 \neq \forall F2x2 \Rightarrow Double
< \forall B2x2 \Rightarrow Bool
< \forall I2x2 \Rightarrow Int
< \forall F2x2 \Rightarrow Double
 \leq \forall B2x2 \Rightarrow Bool

$\leq \nabla I2x2 \text{ } \textcircled{I} \text{Int}$
 $\leq \nabla F2x2 \text{ } \textcircled{I} \text{Double}$
 $> \nabla B2x2 \text{ } \textcircled{I} \text{Bool}$
 $> \nabla I2x2 \text{ } \textcircled{I} \text{Int}$
 $> \nabla F2x2 \text{ } \textcircled{I} \text{Double}$
 $\geq \nabla B2x2 \text{ } \textcircled{I} \text{Bool}$
 $\geq \nabla I2x2 \text{ } \textcircled{I} \text{Int}$
 $\geq \nabla F2x2 \text{ } \textcircled{I} \text{Double}$
 $\wedge \nabla I2x2 \text{ } \textcircled{I} \text{Bool}$
 $\wedge \nabla F2x2 \text{ } \textcircled{I} \text{Bool}$
 $\vee \nabla I2x2 \text{ } \textcircled{I} \text{Bool}$
 $\vee \nabla F2x2 \text{ } \textcircled{I} \text{Bool}$
 $\wedge \nabla B2x2 \text{ } \textcircled{I} \text{Bool}$
 $\wedge \nabla I2x2 \text{ } \textcircled{I} \text{Bool}$
 $\wedge \nabla F2x2 \text{ } \textcircled{I} \text{Bool}$
 $\forall \nabla B2x2 \text{ } \textcircled{I} \text{Bool}$
 $\forall \nabla I2x2 \text{ } \textcircled{I} \text{Bool}$
 $\forall \nabla F2x2 \text{ } \textcircled{I} \text{Bool}$
 $2 + / B2 \text{ } \textcircled{I} \text{Int}$
 $2 + / B2 \text{ } \textcircled{I} \text{Double}$
 $2 + / I2 \text{ } \textcircled{I} \text{Int}$
 $2 + / I2 \text{ } \textcircled{I} \text{Double}$
 $2 + / F2 \text{ } \textcircled{I} \text{Double}$
 $2 - / B2 \text{ } \textcircled{I} \text{Int}$
 $2 - / B2 \text{ } \textcircled{I} \text{Double}$
 $2 - / I2 \text{ } \textcircled{I} \text{Int}$

$2 - / I2 \text{ @Double}$

$2 - / F2 \text{ @Double}$

$2 \times / B2 \text{ @Bool}$

$2 \times / I2 \text{ @Int}$

$2 \times / I2 \text{ @Double}$

$2 \times / F2 \text{ @Double}$

$2 \div / B2 \text{ @Double}$

$2 \div / I2 \text{ @Double}$

$2 \div / F2 \text{ @Double}$

$2 * / B2 \text{ @Bool}$

$2 * / I2 \text{ @Int}$

$2 * / I2 \text{ @Double}$

$2 * / F2 \text{ @Double}$

$2 \circ / B2 \text{ @Double}$

$2 \circ / I2 \text{ @Double}$

$2 \circ / F2 \text{ @Double}$

$2 \star / B2 \text{ @Double}$

$2 \star / I2 \text{ @Double}$

$2 \star / F2 \text{ @Double}$

$2 | / B2 \text{ @Bool}$

$2 | / I2 \text{ @Int}$

$2 | / F2 \text{ @Double}$

$2 \lfloor / B2 \text{ @Bool}$

$2 \lfloor / I2 \text{ @Int}$

$2 \lfloor / F2 \text{ @Double}$

$2 \lceil / B2 \text{ @Bool}$

$2 \lceil / I2 \text{ @Int}$
 $2 \lceil / F2 \text{ @Double}$
 $2 ! / B2 \text{ @Bool}$
 $2 ! / I2 \text{ @Int}$
 $2 ! / I2 \text{ @Double}$
 $2 ! / F2 \text{ @Double}$
 $2 = / B2 \text{ @Bool}$
 $2 = / I2 \text{ @Bool}$
 $2 = / F2 \text{ @Bool}$
 $2 \neq / B2 \text{ @Bool}$
 $2 \neq / I2 \text{ @Bool}$
 $2 \neq / F2 \text{ @Bool}$
 $2 < / B2 \text{ @Bool}$
 $2 < / I2 \text{ @Bool}$
 $2 < / F2 \text{ @Bool}$
 $2 \leq / B2 \text{ @Bool}$
 $2 \leq / I2 \text{ @Bool}$
 $2 \leq / F2 \text{ @Bool}$
 $2 > / B2 \text{ @Bool}$
 $2 > / I2 \text{ @Bool}$
 $2 > / F2 \text{ @Bool}$
 $2 \geq / B2 \text{ @Bool}$
 $2 \geq / I2 \text{ @Bool}$
 $2 \geq / F2 \text{ @Bool}$
 $2 ^ / B2 \text{ @Bool}$
 $2 ^ / I2 \text{ @Bool}$

2 ^ / F2 ρ Bool

2 V / B2 ρ Bool

2 V / I2 ρ Bool

2 V / F2 ρ Bool

2 A / B2 ρ Bool

2 A / I2 ρ Bool

2 A / F2 ρ Bool

2 V / B2 ρ Bool

2 V / I2 ρ Bool

2 V / F2 ρ Bool