

ΠΑΡΑΡΤΗΜΑ ΕΣΩΤΕΡΙΚΕΣ ΣΥΝΑΡΤΗΣΕΙΣ

ΟΡΙΣΜΟΣ ΧΡΗΣΗΣ	ΠΡΩΤΑΡΧΙΚΟ ΟΝΟΜΑ	ΕΙΔΙΚΟ ΟΝΟΜΑ	ΑΡΙΘΜΟΣ ΜΕΤΑΒΑΗΤΩΝ	ΤΥΠΟΣ ΜΕΤΑΒΑΗΤΩΝ	ΤΥΠΟΣ ΣΥΝΑΡΤΗΣΗΣ
Conversion to INTEGER	INT	-	1	numeric	INTEGER
		INT	1	REAL	INTEGER
		IFIX	1	REAL	INTEGER
		IDINT	1	DOUBLE	INTEGER
Conversion to REAL	REAL	FLOAT	1	INTEGER	REAL
		SNGL	1	DOUBLE	REAL
		REAL	1	COMPLEX	REAL
Conversion to DOUBLE PRECISION	DBLE	-	1	numeric	DOUBLE
Conversion to COMPLEX	CMPLX	-	1 or 2	numeric	COMPLEX
Conversion to COMPLEX*16	DCMPLX	-	1 or 2	numeric	COMPLEX*16
Nearest whole number	ANINT	ANINT	1	REAL	REAL
		DNINT	1	DOUBLE	DOUBLE
Nearest Integer	NINT	NINT	1	REAL	INTEGER
		IDNINT	1	DOUBLE	INTEGER
Absolute Value	ABS	IABS	1	INTEGER	INTEGER
		ABS	1	REAL	REAL
		DABS	1	DOUBLE	DOUBLE
		CABS	1	COMPLEX	REAL
		CDABS	1	COMPLEX*16	DOUBLE
Remaindering	MOD	MOD	2	INTEGER	INTEGER
		AMOD	2	REAL	REAL
		DMOD	2	DOUBLE	DOUBLE
Double Precision product a1*a2		DPROD	2	REAL	DOUBLE
Select largest value MAX(a1,a2,...)	MAX	MAX0	2+	INTEGER	INTEGER
		AMAX1	2+	REAL	REAL
		DMAX1	2+	DOUBLE	DOUBLE
		AMAX0	2+	INTEGER	REAL
		MAX1	2+	REAL	INTEGER
Select smallest value MIN(a1,a2,...)	MIN	MIN0	2+	INTEGER	INTEGER
		AMIN1	2+	REAL	REAL
		DMIN1	2+	DOUBLE	DOUBLE
		AMIN0	2+	INTEGER	REAL
		MIN1	2+	REAL	INTEGER

ΟΡΙΣΜΟΣ ΧΡΗΣΗΣ	ΠΡΩΤΑΡΧΙΚΟ ΟΝΟΜΑ	ΕΙΔΙΚΟ ΟΝΟΜΑ	ΑΡΙΘΜΟΣ ΜΕΤΑΒΑΗΤΩΝ	ΤΥΠΟΣ ΜΕΤΑΒΑΗΤΩΝ	ΤΥΠΟΣ ΣΥΝΑΡΤΗΣΗΣ
Imaginary Part of a COMPLEX (X,Y)	AIMAG	AIMAG	1	COMPLEX	REAL
		DIMAG	1	COMPLEX*16	DOUBLE
Conjugate of a COMPLEX	CONJG	CONJG	1	COMPLEX	COMPLEX
		DCONJG	1	COMPLEX*16	COMPLEX*16
Square root	SQRT	SQRT	1	REAL	REAL
		DSQRT	1	DOUBLE	DOUBLE
		CSQRT	1	COMPLEX	COMPLEX
		CDSQRT	1	COMPLEX*16	COMPLEX*16
Exponential	EXP	EXP	1	REAL	REAL
		DEXP	1	DOUBLE	DOUBLE
		CEXP	1	COMPLEX	COMPLEX
		CDEXP	1	COMPLEX*16	COMPLEX*16
Natural log	LOG	ALOG	1	REAL	REAL
		DLOG	1	DOUBLE	DOUBLE
		CLOG	1	COMPLEX	COMPLEX
		CDLOG	1	COMPLEX*16	COMPLEX*16
Common log	LOG10	ALOG10	1	REAL	REAL
		DLOG10	1	DOUBLE	DOUBLE
Sine	SIN	SIN	1	REAL	REAL
		DSIN	1	DOUBLE	DOUBLE
		CSIN	1	COMPLEX	COMPLEX
		CDSIN	1	COMPLEX*16	COMPLEX*16
Cosine	COS	COS	1	REAL	REAL
		DCOS	1	DOUBLE	DOUBLE
		CCOS	1	COMPLEX	COMPLEX
		CDCOS	1	COMPLEX*16	COMPLEX*16
Tangent	TAN	TAN	1	REAL	REAL
		DTAN	1	DOUBLE	DOUBLE
Arc cosine	ACOS	ACOS	1	REAL	REAL
		DACOS	1	DOUBLE	DOUBLE
Arc sine	ASIN	ASIN	1	REAL	REAL
		DASIN	1	DOUBLE	DOUBLE
Arc tangent	ATAN	ATAN	1	REAL	REAL
		DATAN	1	DOUBLE	DOUBLE
Hyperbolic sine	SINH	SINH	1	REAL	REAL
		DSINH	1	DOUBLE	DOUBLE
Hyperbolic cosine	COSH	COSH	1	REAL	REAL
		DCOSH	1	DOUBLE	DOUBLE
Hyperbolic tangent	TANH	TANH	1	REAL	REAL
		DTANH	1	DOUBLE	DOUBLE