

Personal Designer
User Programming Language
(UPL)

Revision 6.0

User Reference Guide

Appendix A

Reserved Words

Reserved Words

The following is a list of reserved words for UPI, Revision 6.0. You may not declare these as variable names or procedure and function names. Following the reserved word is type information which classifies the word.

The reserved words fall into two general categories: keywords and names. Keywords are used in statements. Names are predeclared for intrinsic procedures, functions, and system variables. The remainder are either compiler directives, variable attributes, or reserved for future use.

AB	Statement Modifier (Insert, Modify, Verify)
Abs	Intrinsic Function, Arithmetic
Accept	Statement, Input/Output (Window)
AccessCode	Intrinsic Function, Operating System
AcptWin	System Variable
ACos	Intrinsic Function, Trigonometric
AddEnt	Intrinsic Procedure, Database Access
AddFnExt	Intrinsic Procedure, Operating System
AE	Statement Modifier (Insert, Modify, Verify)
All	Statement Modifier (Echo)
And	Boolean Operator
Ang	Statement Modifier (Insert, Modify, Verify)
Ang3P	Intrinsic Function, Geometric
Are	Statement Modifier (Insert, Modify, Verify)
ArcEnds	Statement Modifier (Insert, Modify)
ASCII	Intrinsic Function, Data Conversion
ASin	Intrinsic Function, Trigonometric
AskModifiers	Intrinsic Procedure, User Interface
asmint	Intrinsic, Operating System
ATan	Intrinsic Function, Trigonometric
ATan2	Intrinsic Function, Trigonometric
AWinClear	Intrinsic Procedure, Input/Output (Window)
BigMibList	Intrinsic Function, User Interface
Binary	Statement Modifier (Open)
Boolean	Statement, Declaration
Boolean	Intrinsic Function, Data Conversion
Box	Statement modifier (Accept)
BreakChar	System Variable
By	Statement Modifier (Loop)

Reserved Words

Char	Intrinsic Function, Data Conversion
Checkguard	Reserved for future use
Circle	Reserved for future use
Clear	Statement, Input/Output (Window)
Close	Statement, Input/Output (File)
CntrlToNum	Intrinsic Function, Data Conversion
CodeSize	Compiler Directive
Col	Reserved for future use
Color	Statement Modifier (Insert, Modify, Verify)
Const	Statement, Declaration
Coord	Intrinsic Function, Data Conversion
Coord	Statement, Declaration
Cos	Intrinsic Function, Trigonometric
DataSize	Compiler Directive
Date	Intrinsic Function, Operating System
DBStatus	System Variable
debug	Reserved for future use
dectofeet	Reserved for future use
DefineAW	Intrinsic Procedure, Input/Output (Window)
DefineModifier	Intrinsic Procedure, User Interface
DegRad	Intrinsic Function, Data Conversion
Delete	Statement, Input/Output (File)
Device	Intrinsic, Operating System
dig	Reserved for future use
DigStr	Intrinsic Function, Data Conversion
DirFn	Intrinsic Procedure, Operating System
DiskFree	Intrinsic Function, Operating System
Display	Statement, Input/Output
Display Win	System Variable
DOS	Intrinsic Procedure, Operating System
Draw	Intrinsic Procedure, Graphics
Draw Text	Intrinsic Procedure, Graphics
dsubrec	Reserved for future use
Echo	Statement, Input/Output (Window)
Else	Statement Keyword (If)
End	Statement Keyword (Group, Func, If, Loop, Proc)
EndIf	Statement Keyword (If)

Reserved Words

EndLoop	Statement Keyword (Loop)
Ends	Statement Modifier (Insert, Modify, Verify)
Entany	Statement Modifier (Accept)
EntId	Statement Modifier (Erase, Insert, Modify, Verify)
EntIntOf	Intrinsic Procedure, Geometric
Entlist	Statement Modifier (Accept)
EntMask	Intrinsic Procedure, User Interface
EntPntOn	Intrinsic Procedure, Geometric
Enttyp	Statement Modifier (Verify)
EnvVar	Intrinsic Procedure, Operating System
EOF	Variable Attribute
EOLN	Variable Attribute
Erase	Statement, Database Access
Exact	Statement modifier (Accept)
Exist	Intrinsic Function, Operating System
Exit	Statement, Flow Control
Extract	Intrinsic Function, String Handling
False	Boolean Value
File	Statement, Declaration
FillPoly	Intrinsic Procedure, Graphics
find	Reserved for future use
FindFn	Intrinsic Procedure, Operating System
FindMenu	Intrinsic Procedure, User Interface
FindProp	Intrinsic Procedure, Database Access
First	Statement Modifier (Erase, Modify, Verify)
FlushStr	Intrinsic Function, User Interface
Font	Statement Modifier (Insert, Modify, Verify)
Func	Statement, Program Structure
GetBit	Intrinsic Procedure, Arithmetic
GetC	Intrinsic Procedure, User Interface
GetCPL	Intrinsic Procedure, Geometric
GetCur	Intrinsic Procedure, Input/Output (Window)
getdgv	Reserved for future use
GetDig	Intrinsic Procedure, User Interface
GetEnd	Intrinsic Procedure, User Interface
GetEnt	Intrinsic Procedure, User Interface
getentlist	Reserved for future use

Reserved Words

GetHelp	Intrinsic Procedure, User Interface
GetKbdChar	Intrinsic Function, Operating System
GetLayer	Intrinsic Function, Graphics
GetMenuInfo	Intrinsic Procedure, User Interface
GetModifier	Intrinsic Procedure, User Interface
GetSerialNum	Intrinsic Function, Operating System
GetSr	Intrinsic Procedure, Database Access
GetSrC	Intrinsic Procedure, Database Access
GetSrl	Intrinsic Procedure, Database Access
GetSrR	Intrinsic Procedure, Database Access
GetSrS	Intrinsic Procedure, Database Access
GetTagField	Intrinsic Procedure, Database Access
GetView	Intrinsic Procedure, Geometric
GoTo	Statement, Flow Control
Group	Statement, Program Structure
Gtext	Intrinsic Procedure, Graphics
GwinClear	Intrinsic Procedure, Input/Output (Window)
IdiskFree	Intrinsic Function, Operating System
Hgt	Statement Modifier (Insert, Modify, Verify)
HilightEnt	Intrinsic Procedure, Graphic
HilightMenu	Intrinsic Procedure, User Interface
If	Statement, Flow Control
If	Statement Modifier (End Exit, Else)
In	Statement Modifier (Accept)
Include	Compiler Directive
Index	Intrinsic Function, String Handling
Inout	Statement Modifier (Proc)
InputStr	Intrinsic Function, User Interface
Insert	Statement, Database Access
Integer	Statement, Declaration
Integer	Intrinsic Function, Data Conversion
Integer4	Statement, Declaration
Integer4	Intrinsic Function, Data Conversion
IOStatus	System Variable
Just	Statement Modifier (Insert, Modify, Verify)
Key	Reserved for future use
Last	Statement Modifier (Accept, Modify, Verify)

Reserved Words

LastChar	System Variable
LastDig	Intrinsic Function, User Interface
Layer	Statement Modifier (Insert, Modify, Verify)
Len	Variable Attribute
Length	Variable Attribute
Line	Statement Modifier (Insert, Modify, Verify)
LinIntOf	Intrinsic Procedure, Geometric
Ln	Intrinsic Function, Arithmetic
Lnsp	Statement Modifier (Insert, Modify, Verify)
Loc	Statement Modifier (Insert, Modify, Verify)
Log	Intrinsic Function, Arithmetic
Loop	Statement, Statement Modifier (End, Exit)
Macro	Statement Modifier (Accept)
Map2Px	Intrinsic Procedure, Geometric
Map2PxN	Intrinsic Procedure, Geometric
MapCPLM	Intrinsic Function, Geometric
MapFrom	Intrinsic Procedure, Geometric
MaPix2	Intrinsic Procedure, Geometric
MaPix2N	Intrinsic Procedure, Geometric
MapMCPL	Intrinsic Function, Geometric
MapMV	Intrinsic Function, Geometric
MapTo	Intrinsic Procedure, Geometric
MapTT	Intrinsic Procedure, Geometric
MapVM	Intrinsic Function, Geometric
Mat3P	Intrinsic Procedure, Geometric
Max	Intrinsic Function, Arithmetic
Max	Statement Modifier (Accept)
MemAvail	Intrinsic Function, Operating System
MenuCmd	Intrinsic Procedure, User Interface
MibTag Min	Intrinsic Procedure, Database Access
Min	Intrinsic Function, Arithmetic
mirent	Statement Modifier (Accept)
mirentcopy	Reserved for future use
MirPnt	Reserved for future use
ModI	Intrinsic Procedure, Geometric
ModI4	Intrinsic Function, Arithmetic
	Intrinsic Function, Arithmetic

Reserved Words

Modify	Statement, Database Access
ModSr	Intrinsic Procedure, Database Access
ModSrC	Intrinsic Procedure, Database Access
ModSrl	Intrinsic Procedure, Database Access
ModSrR	Intrinsic Procedure, Database Access
ModSrS	Intrinsic Procedure, Database Access
MouseInp	Intrinsic Function, Operating System
MovEnt	Intrinsic Procedure, Database Access
MovEntCopy	Intrinsic Procedure, Database Access
MsubrecAC	Intrinsic Procedure, Database Access
MsubrecAP	Intrinsic Procedure, Database Access
MsubrecDS	Intrinsic Procedure, Database Access
MsubrecEX	Intrinsic Procedure, Database Access
MsubrecIL	Intrinsic Procedure, Database Access
MsubrecL1	Intrinsic Procedure, Database Access
MsubrecL2	Intrinsic Procedure, Database Access
MsubrecPA	Intrinsic Procedure, Database Access
MsubrecPX	Intrinsic Procedure, Database Access
MSubrec TD	Intrinsic Procedure, Database Access
MSubrec TF	Intrinsic Procedure, Database Access
MSubrec TX	Intrinsic Procedure, Database Access
MSubrec VN	Intrinsic Procedure, Database Access
MsubrecXH	Intrinsic Procedure, Database Access
MsubrecXN	Intrinsic Procedure, Database Access
MsubrecXZ	Intrinsic Procedure, Database Access
near	Reserved for future use
Newline	Statement Modifier (Accept)
Next	Statement Modifier (Erase, Modify, Verify)
Not	Boolean Operator
NullTransform	Intrinsic Procedure, Geometric
NumToCntrl	Intrinsic Function, Data Conversion
Off	Statement Modifier (Echo)
On	Statement Modifier (Echo)
Open	Statement, Input/Output (File)
Open	Variable Attribute
Or	Boolean Operator
Org	Statement Modifier (Insert, Modify, Verify)

Reserved Words

PageInfo	Intrinsic Procedure, Operating System
Pi	Intrinsic Function, Trigonometric
Pix ToRow Col	Intrinsic Procedure, Input/Output (Window)
PntPrp	Intrinsic Procedure, Geometric
PntPrpV	Intrinsic Procedure, Geometric
Point	Statement Modifier (Insert, Modify, Verify)
PolyArea	Intrinsic Procedure, Geometric
Poly Win	Intrinsic Procedure, Geometric
Position	Variable Attribute
Print	Statement, Input/Output (Window)
PrintWin	System Variable
Proc	Statement, Program Structure
Process	Statement, Flow Control
Product	Intrinsic Procedure, Operating System
Prompt	Statement Modifier (Accept)
PutCur	Intrinsic Procedure, Input/Output (Window)
PutSr	Intrinsic Procedure, Database Access
PutSrC	Intrinsic Procedure, Database Access
PutSrl	Intrinsic Procedure, Database Access
PutSrR	Intrinsic Procedure, Database Access
PutSrS	Intrinsic Procedure, Database Access
RadDeg	Intrinsic Function, Data Conversion
Radius	Statement Modifier (Insert, Modify, Verify)
Read	Statement, Input/Output (File)
ReadCArray	Intrinsic Procedure, Input/Output (File)
ReadEnt	Intrinsic Procedure, Database Access
ReadIArray	Intrinsic Procedure, Input/Output (File)
ReadRArray	Intrinsic Procedure, Input/Output (File)
Real	Statement, Declaration
Real	Intrinsic Function, Data Conversion
Reclen	Statement Modifier (Open)
Reclen	Variable Attribute
Return	Statement, Flow Control
RmvChr	Intrinsic Function, String Handling Intrinsic
Rnd	Function, Arithmetic
RotEnt	Intrinsic Procedure, Database Access
RotEntCopy	Intrinsic Procedure, Database Access

Reserved Words

RotMat	Intrinsic Procedure, Geometric
RotPnt	Intrinsic Procedure, Geometric
row	Reserved for future use
RowColAW	Intrinsic Procedure, Input/Output (Window)
RowColToPix	Intrinsic Procedure, Input/Output (Window)
Rpnt	Statement Modifier (Erase, Insert, Modify)
RpntEnt	Intrinsic Procedure, Graphics
RsubrecAC	Intrinsic Procedure, Database Access
RsubrecAP	Intrinsic Procedure, Database Access
RsubrecDS	Intrinsic Procedure, Database Access
RsubrecEX	Intrinsic Procedure, Database Access
RsubrecIL	Intrinsic Procedure, Database Access
RsubrecL1	Intrinsic Procedure, Database Access
RsubrecL2	Intrinsic Procedure, Database Access
RsubrecPA	Intrinsic Procedure, Database Access
RsubrecPX	Intrinsic Procedure, Database Access
Rsubrec TD	Intrinsic Procedure, Database Access
Rsubrec TF	Intrinsic Procedure, Database Access
Rsubrec TX	Intrinsic Procedure, Database Access
RsubrevVN	Intrinsic Procedure, Database Access
RsubrecXH	Intrinsic Procedure, Database Access
RsubrecXN	Intrinsic Procedure, Database Access
RsubrecXZ	Intrinsic Procedure, Database Access
SciEnt	Intrinsic Procedure, Database Access
SciEntCopy	Intrinsic Procedure, Database Access
SciPnt	Intrinsic Procedure, Geometric
Send	Statement, Input/Output (Window)
SendWin	System Variable
SetBit	Intrinsic Procedure, Arithmetic
SetHelp	Intrinsic Procedure, User Interface Intrinsic
SetLayer	Procedure, Graphics
SetMenuInfo	Intrinsic Procedure, User Interface
SetTagField	Intrinsic Procedure, Database Access
ShadeColor	Intrinsic Function, Graphics
Sin	Intrinsic Function, Trigonometric
Size	Intrinsic Function, Operating System
Size	Statement Modifier (Accept)

Reserved Words

Size	Variable Attribute
Size4	Intrinsic Function, Operating System
Sleep	Statement, Flow Control
SqRt	Intrinsic Function, Arithmetic
String	Statement, Declaration
String	Intrinsic Function, Data Conversion Intrinsic
StrWide	Procedure, Database Access
SysVarI	Intrinsic Procedure, Operating System
SysVarI4	Intrinsic Procedure, Operating System
SysVarS	Intrinsic Procedure, Operating System
TagMib	Intrinsic Procedure, Database Access
Tan	Intrinsic Function, Trigonometric
Text	Statement Modifier (Insert, Modify, Verify)
TextColor	Intrinsic Procedure, Graphics
Then	Statement Modifier (If)
Time	Intrinsic Function, Operating System
To	Statement Modifier (Loop)
Transpose	Intrinsic Procedure, Geometric
True	Boolean Value
TwoPi	Intrinsic Function, Trigonometric
Txt	Statement Modifier (Insert, Modify, Verify)
uplflag	Reserved for future use
UpperCase	Intrinsic Function, Data Conversion
Vcross	Intrinsic Function, Geometric
Vdot	Intrinsic Function, Geometric
Verify	Statement, Database Access
Verts	Statement Modifier (Insert, Modify, Verify)
View	Statement Modifier (Insert, Modify) Intrinsic
VLen	Function, Geometric
VUnit	Intrinsic Function, Geometric
VVis	Statement Modifier (Insert, Modify, Verify)
Wdt	Statement Modifier (Insert, Modify, Verify)
When	Statement Modifier (Exit, Return)
Window	Statement, Input/Output (Window)
Write	Statement, Input/Output (File)
WriteCArray	Intrinsic Procedure, Input/Output (File)
WriteEnt	Intrinsic Procedure, Database Access

Reserved Words

WriteArray	Intrinsic Procedure, Input/Output (File)
WriteRArray	Intrinsic Procedure, Input/Output (File)
WSubrecAC	Intrinsic Procedure, Database Access
WSubrecAP	Intrinsic Procedure, Database Access
WSubreeDS	Intrinsic Procedure, Database Access
WSubrecEX	Intrinsic Procedure, Database Access
WSubrecIL	Intrinsic Procedure, Database Access
WSubrecL1	Intrinsic Procedure, Database Access
WSubrecL2	Intrinsic Procedure, Database Access
WSubrecPA	Intrinsic Procedure, Database Access
WSubrecPX	Intrinsic Procedure, Database Access
WSubreeTD	Intrinsic Procedure, Database Access
WSubrecTF	Intrinsic Procedure, Database Access
WSubrecTX	Intrinsic Procedure, Database Access
WSubrecVN	Intrinsic Procedure, Database Access
WSubrecXH	Intrinsic Procedure, Database Access
WSubrecXN	Intrinsic Procedure, Database Access
WSubrecXZ	Intrinsic Procedure, Database Access
X	Variable Attribute
xcolor	Reserved for future use
xentype	Reserved for future use
xfont	Reserved for future use
xlayer	Reserved for future use
xvvis	Reserved for future use
xwindow	Reserved for future use
Y	Variable Attribute
Z	Variable Attribute