


Create or Delete Array

Create array of specified type, allocate and free memory

C Functions

<code>mxCreateDoubleMatrix</code>	2-D, double-precision, floating-point array
<code>mxCreateDoubleScalar</code>	Scalar, double-precision array initialized to specified value
<code>mxCreateNumericMatrix</code>	2-D numeric matrix 
<code>mxCreateNumericArray</code>	N-D numeric array
<code>mxCreateString</code>	1-N array initialized to specified string
<code>mxCreateCharMatrixFromStrings</code>	2-D string array initialized to specified value
<code>mxCreateCharArray</code>	N-D string array
<code>mxCreateLogicalScalar</code>	Scalar, logical array
<code>mxCreateLogicalMatrix</code>	2-D logical array
<code>mxCreateLogicalArray</code>	N-D logical array
<code>mxCreateSparseLogicalMatrix</code>	2-D, sparse, logical array
<code>mxCreateSparse</code>	2-D sparse array
<code>mxCreateSparseLogicalMatrix</code>	2-D, sparse, logical array
<code>mxCreateStructMatrix</code>	2-D structure array
<code>mxCreateStructArray</code>	N-D structure array
<code>mxCreateCellMatrix</code>	2-D cell array
<code>mxCreateCellArray</code>	N-D cell array
<code>mxDestroyArray</code>	Free dynamic memory allocated by MXCREATE* functions
<code>mxDuplicateArray</code>	Make deep copy of array



mxCalloc	Allocate dynamic memory for array, initialized to 0, using MATLAB memory manager
mxMalloc	Allocate uninitialized dynamic memory using MATLAB memory manager
mxRealloc	Reallocate dynamic memory using MATLAB memory manager
mxFree	Free dynamic memory allocated by MXALLOC, MXMALLOC, or MXREALLOC functions



Examples and How To

- Pass Strings