class_name	double 1:3	double 1.23	int8(1)	double diag(1:3)	double sparse ([0 1])	double [1, 2; 3, 4]	double [1, 2]	double zeros (1, 0)	double []	logical true	double 1+2i	double [0, 2i]	char 'bar'	char "foo"	cell {1}	cell {"foo", "bar"}	struct('bar', {1,2})	struct('foo', 1)	cell {}	logical [true false]
type_name	double_range	scalar	int8 scalar	diagonal matrix	sparse matrix	matrix	matrix	matrix	matrix	bool	complex scalar	complex matrix	sq_string	string	cell	cell	struct	scalar struct	cell	bool matrix
is_matrix_type				✓	✓	✓	✓	✓	✓			✓	✓	✓						✓
is_real_matrix				✓	✓	✓	✓	✓	✓				✓	✓						
isreal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓						✓
isfloat	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓								
is_double_type	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓								
isnumeric	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓								
iscomplex											✓	✓								
is_complex_matrix												✓								
is_complex_scalar											✓									
islogical										✓										✓
is_bool_matrix																				✓
is_bool_scalar										✓										
islocked																				
is_user_code																				
is_user_script																				
is_single_type																				
isnull																				
is_magic_int																				
is_magic_colon																				
is_cs_list																				
isjava																				
isobject																				
is_package																				
is_perm_matrix																				
is_legacy_object																				
is_undefined																				
issparse					✓															
isinteger			✓																	
is_range	✓																			
is_diag_matrix				✓																
is_string													✓	✓						
is_char_matrix													✓	✓						
is_dq_string														✓						
is_sq_string													✓							
isstruct																	✓	✓		
is_scalar_type		✓	✓							✓	✓									
is_real_scalar		✓	✓							✓										
iscellstr																✓			✓	
iscell															✓	✓			✓	
isempty								✓	✓										✓	
is_zero_by_zero									✓										✓	
is_true	✓	✓	✓			✓	✓			✓	✓		✓	✓	err	err			err	
is_constant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓