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Emacs Lisp Types

Main Type Category	Sub-category	Sub-category	Sub-category	References
Symbols	**Symbols**			• **Symbol Type** • **Symbol components**
	booleans			
Numbers				
	Integers			
	Floats			
	complex-numbers			Complex numbers are not explicitly supported by Emacs Lisp. • The **cplx external library** supports the concept of complex numbers.
Characters and Strings				
	Char			• **Basic char literal syntax**
	Strings			• **Creating Strings** • **String Modifications @ Emacs Wiki** • **Replace in String @ Emacs Wiki** • **Split String @ Emacs Wiki** • **String trim @ ∑Xah**
• **Encodings**				• **Unicode Encoding @ Emacs Wiki** • **Emacs Unicode Pitfalls**, by Christopher Wellons, 2014-06-13
Ordered Collection of elements				
	Sequence			• **Sequence Functions**
See also: • **Pure storage** • **Elisp Cookbook @ Emacs Wiki**		**List**		• **List Modifications @ Emacs Wiki** • **List Destructive Operations @ Emacs Wiki** • **Sorting Lists**
			cons cell	Note: a cons cell is not a sequence. The cons cell is placed here because of its strong relationship with lists.
			alist - association list	• **Elisp: Association List @ ∑Xah**
			plist - property list	• **Elisp: Property List @ ∑Xah** • **Alist Vs Plist @ Emacs Wiki**
			set - (lists as sets)	
		Array		• **Array Functions**
			Vector	• **Vector Functions**
			Bool-vector	
			Char-table	
			Ring	
			String	See strings above. Strings are sequences of characters.
Creation of New Object Types				
	Record			Used as underlying representations of *cl-defstruct* and *defclass* instances.
	Structure			• **Options for Structured Data in Emacs Lisp**, by Christopher Wellons, 2018-02-14 • **The Common Lisp Cookbook** - **Data Structures** - **Structures**
	Hash-table			
ieieo - CLOS for Emacs Lisp	**classes**			
Emacs Specialized Types				
	Buffers			
	Markers			• **Functions that create markers**
	Overlays			
Functions				• **Emacs Lisp Code Guidelines - Functions, lambdas, macros**

	functions			**Defining a function** with:
				• **defun macro**
				  • **function argument list of functions defined with the defun macro**
				  • **inline functions**
				  • **Calling functions indirectly**
				• **cl-lib macros: cl-defun, cl-function, cl-defsubst, …**
				  • See also Common Lisp references (which explain what Emacs Lisp cl-lib emulates):
				  • **The Common Lisp Cookbook – Functions**
				  • **Practical Common Lisp - Common Lisp functions**
				  • Note that Emacs Lisp cl-defun support *&aux auxiliary variables* in argument list, something not available in Common Lisp.

	lambda			• **Anonymous functions** • **lambda expressions** • **What's in an Emacs lambda**, by Christopher Wellons, 2017-12-14 • **Emacs Lisp Lambda Expressions Are Not Self-Evaluating**, by Christopher Wellons, 2018-02-22
	closures (lambda)			• **Emacs Lisp Readable Closures**, by Christopher Wellons, 2013-12-30 • **Lexical binding**
ieieo - CLOS for Emacs Lisp	**methods**			• **Generic functions**