



Macro-scopically Speaking...

Macros are an alternative to functions

- We've seen several macros already
 - We've noted that they do not have to evaluate all of their arguments
- Common macros
 - \blacksquare if, and, or, do, setf \ldots

Functions, Macros, and Specials; Oh my! Three kinds of constructs in Lisp ▲ Functions ▲ Macros ▲ Special Operators The Lisp compiler handles these differently. We can write any of these except for special operators

Macro Definition Before we show how to write Macros, we should look at what they actually do. We can look at functions as being statements of code executed within a new lexical context Macros do not have their own lexical context Instead, they are *replacement* code, replaced at compile time -- much like #define's in C, but more frequently used.



























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