











Internal Iterators in Ruby

Standard Ruby container classes use an application of internal iterators:

a = [10, 20, 30]
a.each { |element| puts("The element is #{element}")}

outputs: The element is 10 The element is 20 The element is 30

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The *each* method executes a {code block} on every element of the array object – *control is internal, iterator is embedded*.

Arrays – each, each_index, reverse_each Hash – each (each_pair), each_key, each_value









Recursive collections, such as Composites, present special problems for iteration.
§ Is programming pattern for Java Collections framework iterative or recursive?
§ What is the easiest way to traverse a recursive collection like a tree?
§ Can you traverse it with the other approach? What are the issues?

