Chapter 7 Quiz

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8/29/2021

1. **List at least three ways that an environment differs from a list.**

- An environment must have unique bindings, which is why it modifies-in-place.

- An environment has a parent.

- An environment cannot be subsetted using numeric indices or single [operator for multiple elements.

- The elements of an environment is not ordered.

- Every object in an environment must have a name.

2. **What is the parent of the global environment? What is the only environment that doesn't have a parent?**

The parent of the global environment is the last package attached to the search path. The only environment without a parent is the empty environment to which all environments terminate.

3. **What is the enclosing environment of a function? Why is it important?**

The enclosing environment of a function is the environment where it was defined. It controls where the function looks for its variables.

4. **How do you determine the environment from which a function was called?**

Use `rlang::caller_env()`.

5. **How are <- and «- different?**

The assignment operator creates a binding from a name to an object in the current environment while the super assignment operator rebinds an *existing* name in a parent of the current environment.