## Formalized Move Semantics

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- 1. There is only ever exactly one binding to any given resource.
- 2. When a variable's lifetime goes out of scope the bound resources are freed.
- 3. We may transfer ownership to something else. The moved values are then owned by something else.
- 4. A binding may be able to borrow a resource from another binding and use it.
- 5. A binding may be able to mutate a resource that it borrows as long as it has not been lent out to more than one binding.
- 6. More than one binding may borrow a resource but they may not mutate it.