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| Circle Language Spec: Commands |

## Reading & Writing Parameters

Whether a parameter of a command can be read or written at all is access-controlled. This access control determines whether a parameter is for instance input or output.

Before a command is run you can mess about with the parameters all you want.

During the execution of a command you can not read or write anything.

After a command has executed, you can not change the parameters, just out of practical reasons, because it is more practical for the parameters to keep visualizing the state they were in after the command was run.

- Before execution you can read and write.

- During execution you can not read or write

- After execution you can only read

A command definition’s parameter values are public, so if you can reach the definition, you can basically change its parameter values, and mess about with them all you want. This needs to be access controlled, but how this should be done is not yet determined.

Details about parameters can be found in the *Parameters* articles.