

# Language Documentation Syntax Notes

In this documentation, working examples are complete Wrangle commands. Example:

```
derive type:single value:(2 + 3) as:'five'
```

All syntax commands use the following generalized structure:

```
transform-name [param1:param_value1] param2:FUNCTION_NAME(arg1,[arg2]) [param3:(expression)] param4:param_value4|param5:param_value5
```

- Inputs:
  - For transforms, inputs are called **parameters**.
  - For functions, inputs are called **arguments**.
- Function names are written in ALL CAPS.
- Square brackets [like this] indicate optional parameters or arguments.
- Parentheses are used:
  - To bracket function inputs
  - To bracket expressions, such as `myCol >= 4`. In some of these instances, parentheses may be optional.
- A vertical pipe (|) may be used between parameters or arguments that are paired. Typically, one of them may be used, but not both.