

Attached Functions

Attached functions are hosted on [builder functions](#). They can be considered as the "adjectives" of a model's property, as they affect the values.

In general we can distinguish three attached function types.

Type 1: Tree-Readers

Note: We skip `TreeReaderFns`, since you will most likely not need them. In a nutshell, tree-readers are functions being used to prepare architect functions for or value-dependent restructurings.

Tree-Readers are often helping constructs for builder functions. As they are readonly (not affecting/changing any values) they most likely won't occur as a standalone function. For example, `itself` uses a tree-reader function to figure out when to stop the recursion.

Type 2: Architects

Architect functions are functions that restructure the result of builder functions. As already said, `quantity` is an excellent example. Take a look on this code snippet:

```
range(1, 10, quantity(4)); // => [6, 1, 3, 9]
```

In this snippet, `quantity` turns one builder function into four builder functions with the same configuration and wraps the result into an array. So basically `quantity` "multiplies" an builder functions by repeating the same functionality and wrapping their results into an array.

Note: This is not technically spoken. There is a reason why they are called "ArchitectFns". If you need more understanding here, navigate to [build mechanism](#).

Note: By now, faketastic has only the `quantity`-architect. There might be other cases than multiplying an expression, but those cases can be implemented by the user itself, as faketastic allows you to [write custom attached functions](#).

- [View: quantity architect](#)

Type 3: Processors

Processor functions are attached functions that changes or replaces the current result of a builder function. Currently there are the following processors available:

- [View: canBe processor](#)
- [View: map processor](#)

Custom AttachedFns

You can write your custom attached functions as well. [Take a look here!](#)

Related Topics

- [ArchitectFns](#)
- [ProcessorFns](#)
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- [Getting Started](#)