



1. A new family of reactive objects

reactive

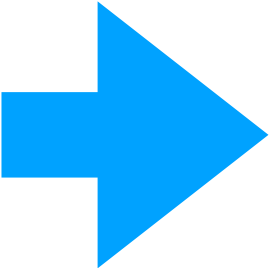
metaReactive  
metaReactive2

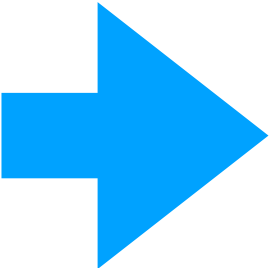
observe

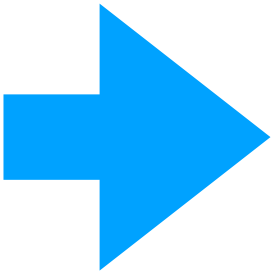
metaObserve  
metaObserve2

renderXXX

metaRender  
metaRender2



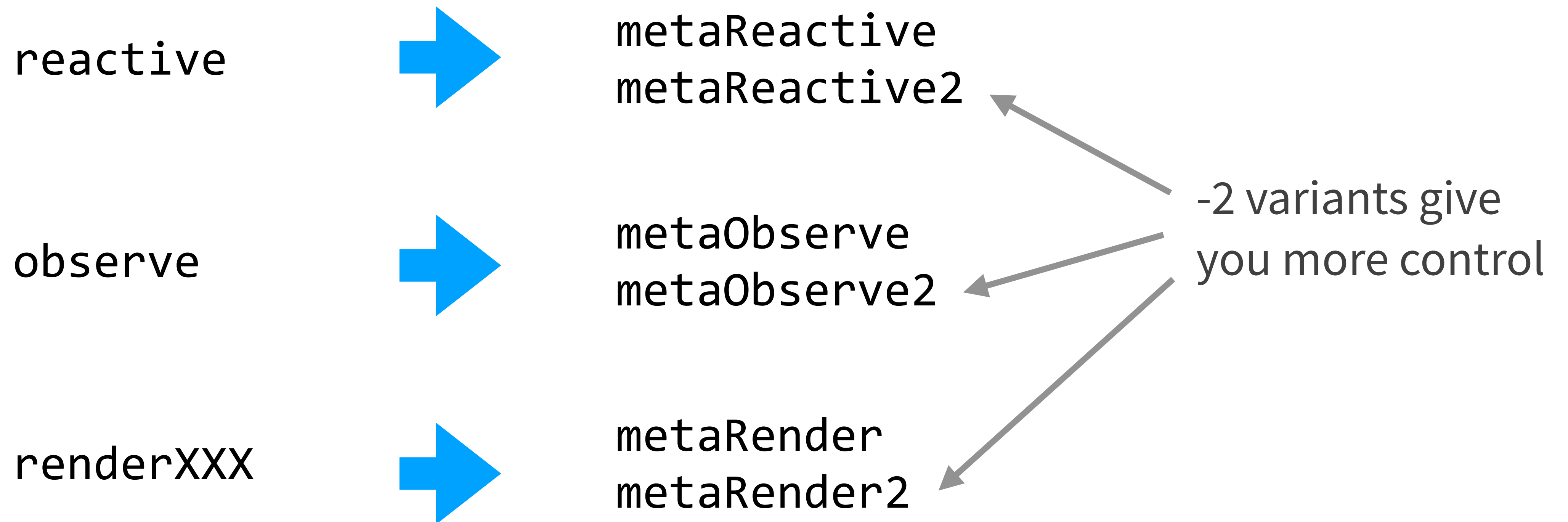




Three gray arrows of varying lengths point from the right towards the text. The top arrow is the shortest, the middle one is medium length, and the bottom one is the longest.

-2 variants give  
you more control

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Sometimes `metaReactive` is too coarse-grained to separate our domain logic from the Shiny stuff:

```
> dataset <- metaReactive({  
+   req(input$dataset)  
+   get("package:datasets", input$dataset)  
+ })
```

```
> withMetaMode(dataset())  
req(input$dataset)  
get("package:datasets", input$dataset)
```