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|--|---|--------------------------------|---|
| | apply() = <i>apply fn on array margin</i> | In apply(array, margin, fn) | Out simplest object that can hold output (simplify=T)* |
| | lapply() = <i>apply fn on each element</i> | lapply(object, fn) | list |
| | sapply() = <i>lapply w/ simplified out</i> | sapply(object, fn) | simplest object that can hold output (simplify=T)* |
| | vapply() = <i>sapply w/ defined out</i> | vapply(object, fn, fn.value) | object of type and dim like fn.value |
| | tapply() = <i>apply fn on subsets of vec</i> | tapply(vec, factor(s), fn) | simplest object that can hold output (simplify=T)* |
| | mapply() = <i>apply fn w/ args from vectors</i> | mapply(fn, v1, v2, ... vn) | simplest object that can hold output (simplify=T)* |
| | | | *otherwise list |