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Zermelo's postulate

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If \mathcal{F} is a disjoint family of nonempty sets, then there is a set C which has exactly one element of each $A \in \mathcal{F}$ (i.e such that $A \cap C$ is a singleton for each $A \in \mathcal{F}$.)

This is one of the many propositions that are equivalent to the axiom of choice.