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consistent

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If T is a theory of \mathcal{L} then it is consistent iff there is some model \mathcal{M} of \mathcal{L} such that $\mathcal{M} \models T$. If a theory is not consistent then it is inconsistent.

A slightly different definition is sometimes used, that T is consistent iff $T \not\vdash \perp$ (that is, as long as it does not prove a contradiction). As long as the proof calculus used is sound and complete, these two definitions are equivalent.