## THE SCOTT ADJUNCTION

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Accessible categories with directed colimits have proven to be a suitable framework to develop abstract model theory and generalize the notion of abstract elementary class, quite relevant in model theory. For every accessible category with directed colimits A, one can define its Scott topos S(A). This construction is the categorification of the Scott topology over a poset with directed unions, and thus provides a geometric understanding of accessible categories. S(A) represents also a candidate axiomatization of A, in the sense that the category of points of the Scott topos (i.e., the models of the theory that it classifies) is very often a relevant hull of A. During the talk we introduce the Scott construction and explain both its geometric and logical aspects.