## Resolutions of singularities and triangulated categories

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Bondal and Orlov's categorical desingularization amounts to writing  $D^b(X)$  as a quotient of  $T^c$ , where  $D^b(X)$  is the derived category of bounded complexes of coherent sheaves on the space X, while  $T^c$  is the subcategory of compact objects in the triangulated category T. I will demonstrate a naive trick which enables me to find a T with  $T^c = D^b(Y)$  when X is sufficiently nice. There's also a more general result which comes at the cost of allowing a more general T.