## Simple and direct reflections, Grothendieck fibrations, and Galois theory

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We discuss the relationships between the concepts listed in the title. Among other things this includes indexed-categorical description of direct reflections in the sense of G. C. L. Brümmer, E. Giuli, and D. B. Holgate, and a reformulation of Galoistheoretic constructions for such reflections. It seems, however, that many concrete reflections that are claimed to be direct in fact satisfy much stronger conditions, which suggests interesting open questions.