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A *separated graph* (E, C) is a pair consisting of a directed graph E and a family C that gives partitions of the set of edges departing from each vertex of E . In joint work with K.R. Goodearl, we have introduced and investigated several algebras and C^* -algebras associated to a separated graph (E, C) . I will recall the main definitions and give several interesting examples. One of these examples is closely related to the Leavitt algebras $L(m, n)$ with $1 \leq m \leq n$. (Received September 17, 2009)