Jay Cummings* (`jjcummings@ucsd.edu`). *Graph Builds.* Preliminary report.

Let G be a graph with edge set $E(G)$. A *build* is an ordering $B = (e_1, \ldots, e_m)$ of the edges of G, which we think of as a construction of the graph edge-by-edge. Define $F(G, k)$ to be the number of builds of G that add k isolated edges. The study of $F(G, k)$ grew from the study of so-called "edge-flipping in graphs." In this talk we will discuss new results and future directions in the study of this function. This project is joint work with many coauthors. (Received September 21, 2015)