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Cubulating mapping tori of some free group endomorphisms

Let F be a finite-rank free group and $f : F \rightarrow F$ a monomorphism. We show that if f is irreducible and the group $G = F*_f$ is word-hyperbolic, then G acts freely and cocompactly on a CAT(0) cube complex. I will focus on some consequences and possible generalizations of this result, and perhaps say some words about the proof. This is joint work with Dani Wise.