Automated Jazz Improvisation

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Abstract. I will demonstrate the jazz improvisational capabilities of Improvisor, a software tool originally intended to help jazz musicians work out solos prior to improvisation. As the name suggests, this tool provides various forms of advice regarding solo construction over chord changes. However, recent additions enable the tool to improvise entire choruses on its own in real-time. To reduce the overhead of creating grammars, and also to produce solos in specific styles, the tool now has a feature that enables it to learn a grammar for improvisation in a style from transcribed performances of solos by others. Samples may be found in reference [4].

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References