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Abstract: An isomorphic layout can be used to position pitches on a grid of hexagons. This has many beneficial musical properties such as consistent fingering and spatial harmonic consistency. A Unified Isomorphic Layout (UIL) format is presented in order to create a common specification for describing hexagonal isomorphic layouts. The UIL format provides an unambiguous description of relative pitch orientations and is easily visualized. The notion of complete and degenerate isomorphic layouts (along with a proof) is introduced to narrow down the number of valid isomorphic layouts used for exhaustive evaluations.