



The **Jazzomat Research Project** proudly announces:  
**Release of *MeloSpySuite* Software Toolkit**

**MeloSpySuite** is a free, stand-alone software toolkit with various command-line tools for analysis of monophonic melodies, particularly jazz improvisations. It includes feature extraction (*melfeature*), pattern mining (*melpat*) and data conversion (*melconv*) tools, along with detailed documentation and a set of introductory tutorials.

Free download: <http://jazzomat.hfm-weimar.de/download/>.

Included in the package is the **Weimar Jazz Database (WJazzD)**, which comprises currently more than 100 jazz solos from various musicians and styles. The data base is ready to use out-of-the-box with the software tools of the **MeloSpySuite**. The solos were transcribed in a MIDI-like format including pitch, onset, duration as well as annotated metrical information, chords, form, and phrasing. And accompanied by comprehensive meta-data and expert annotation for style, genre, tempo, rhythmic feel and more. The **Weimar Jazz Database** is still growing and regular updates will be made available to the public. Also included is a version of the Essen Folk Song Collection with about 8000 folk songs from Central, West and East Europe.

The release of the **Jazzomat Web Application** based on MeloSpySuite is scheduled for the end of 2014.

**About the creators:** The **Jazzomat Research Project** is based at the Institute for Musicology Weimar-Jena at the Liszt School of Music Weimar and is dedicated to the analysis of jazz solo improvisations using statistical and computational methods. The project is funded by a three-year-grant of German Research Foundation (October 2012 until September 2015), see <http://jazzomat.hfm-weimar.de> for further information.

The **international research workshop** *The Jazzomat Project: Issues, applications and perspectives for computational methods in jazz research* (Weimar, 26./27. September 2014) will explore and discuss approaches to jazz improvisation, **MeloSpySuite** and other analyses toolkits. Participants will come from jazz research, cognitive musicology, and music information retrieval.

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