Music analysis and the computer: developing a computer operating system to analyse music, using Johann Sebastian Bach’s “well tempered clavier” book 51 to test the methodology


Abstract

"Most computerised and computer-aided musicological projects are written to achieve specific goals. Once achieved or not achieved as the case may be, the projects and their tools are frequently discarded because their dependency upon specific computer hardware and software prevents them from being utilised by other researchers for other projects. What is needed is a system that, using small tools to accomplish small tasks, can be expanded and customized to suit specific needs. This thesis proposes the creation of a music-analysis computer operating system that contains simple commands to perform simple musicological tasks such as the removal of repeated notes from a score or the audible rendition of a melodic line. The tools can be bolted together to form larger tools that perform larger tasks. New tools can be created and added to the operating system with relative ease, and these in turn can be bolted onto old tools. The thesis suggests a basic set of tools derived from old and new analytical methods, proposes a standard for their implementation based on the UNIX computer operating system, and discusses the benefits of using the system and its tools in an analysis of the twenty-four fugues of Johann Sebastian Bach from the "Well Tempered Clavier", Book II."

Item Type: Thesis (Masters)  
Award: Master of Music  
Thesis Date: 1994  
Copyright: Copyright of this thesis is held by the author  
Deposited On: 24 Oct 2012 15:15  

Social bookmarking: Facebook

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Its the same with Johann Sebastian Bach. You see the music as an example of early classical music, but J S Bach came in at a period where this sort of stuff didn't really exist. There was a lot of choral music .. a lot of religious music but not a lot of entertainer music. Most of the music being played at the time was really baroque .. wh. Continue Reading. History has a habit of allowing you to take certain positions for granted .. because after certain people .. you just tend to think thats the way it always was. After Thomas Edison .. everybody had some idea of electric light .. the phonog 2 Sheet Music. 2.1 Scores. 2.1.1 Complete. 2.1.2 Selections. 2.1.3 Selections from Notebooks for Anna Magdalena and Wilhelm Friedemann Bach. 2.2 Arrangements and Transcriptions. 2.2.1 Complete. Le Clavier bien tempéré I collection des préludes et fugues de Jean Sébastien Bach arrangées pour le piano à quatre mains par Henri Bertini jeune These file(s) are part of the Werner Icking Music Collection. Purchase. Javascript is required for this feature. Composer. Bach, Johann Sebastian. Opus/Catalogue NumberOp./Cat. No. The Well-Tempered Clavier book. Read 6 reviews from the world's largest community for readers. His art was of an encyclopedic nature, drawing together and surmounting the techniques, the styles, and the general achievements of his own and earlier generations and leading to a new perspective. " â€” Grove's Dictionary of Music and Musicians. This informed assessment of the genius of Bach's works can be applied with greatest accuracy to The Well-Tempered Clavier. This hig "His art was of an encyclopedic nature, drawing together and surmounting the techniques, the styles, and the general achievements of his own and earlier generations and leading to a new perspective. The Well-
Tempered Clavier, BWV 846–893, is a collection of two sets of preludes and fugues in all 24 major and minor keys, composed for solo keyboard by Johann Sebastian Bach. In Bach's time Clavier (keyboard) was a generic name indicating a variety of keyboard instruments, most typically a harpsichord or clavichord but not excluding an organ. The modern German spelling for the collection is Das wohltemperierte Klavier (WTK; German pronunciation: [das ËŒvoEiEœtÉŒE·mpÉ ŒÉEÈÉÈœtÉ ŒÈÊviÊÈ¹]). Bach gave the