

Music Monitor: Dynamic Data Display

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ABSTRACT

In this demo, we present an interface prototype of Music Monitor, an application targeted for home use that dynamically conducts music in real-time to reflect parallel activities in disparate locations (e.g., preparing food in the kitchen while entertaining guests in the living room) to help the user balance attention appropriately between them. Music Monitor interprets salient information from the monitored activities to map into simple music profiles (e.g., instrument selection, tempo). The prototype design focuses on providing continuous, ambient music as a peripheral auditory data display for the primary user without sacrificing aesthetic musical value for other participants and listeners.