

The Grouplab DiamondTouch™ Toolkit – The Video

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ABSTRACT

The MERL DiamondTouch [2] is an input device that detects multiple simultaneous touches by multiple people on a surface. While MERL has produced an SDK for this surface, many lines of complicated code must be written to produce even the most basic applications. Consequently, we have created the Grouplab DiamondTouch Toolkit to simplify how a programmer initiates and captures events from the DiamondTouch [1]. This video demonstrates how it works by outlining several applications ranging in complexity: a simple multi-user, multi-touch drawing application (15 lines of code), a memory game, and a sophisticated sound-manipulation art piece.

KEYWORDS: input devices, single display groupware.

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REFERENCES

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