"Seamless interaction between "creation" and "appreciation" : Multi-touch Drawing Interface"

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Abstract

In the present study, it proposes the system that supports "creation" and "appreciation" in the seamless by using the multi touch interface.

This system achieved the interface where the drawing was able to be expressed by using a variety of physical operations and personal belongings by using the multi touch interface, and the diversity of the drawing act assumed to be difficult for mouse and pen tablet was achieved.

Moreover, the creative environment to be able to appreciate others' works and own works was achieved by the function that the picture produced by the user is immediately posted to an online gallery.

Systems

The theme of application produced in the present study is a picture diary. It paid attention to a familiar activity that expressed the event of every day.

First of all, the event with a deep impression is expressed to the user in the picture. And, the photograph and the comment are contributed together as meta-data.

The contributed work can be appreciated in the gallery in the Internet through an original algorithm.

The work with the key word that looks like user's work in this gallery has the relation and it is linked.

The user can appreciate other users' works by his work's centering. The user can produce the work mutually while talking through the work when this tool is used.

The present study aimed at the support to raise the rich expression that was able to be appreciated for the work of the user and other people's works in various aspects in the conversation through the work.

Input Process

Tools Control Action

select color etc...

Drawing Action
drawing on canvas

User Works