

# Usability Analysis Test Plan and Report

**Inkboard**

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## **1. Usability Test Plan**

### **1.1 Introduction and Purpose**

This document explains the methods to be employed in Usability Testing of the Inkboard project.

### **1.2 Problem Statements**

Inkboard is a prototype whiteboard feature for the Inkscape project. It is intended to allow two users to simultaneously collaborate on a single Inkboard document by connecting them via Jabber services.

Since Inkscape is an ongoing open source software project, these requirements should be considered guidelines for testing Inkboard as it is integrated into the main code base and responding to user feedback on the new feature. These tests will not produce final results by the end of the Inkboard project itself.

Inkboard should continue to be developed to meet the following usability goals:

- a. Inkboard should be capable of properly sending, receiving, and implementing and type of object or document Inkscape can produce or load.
- b. Inkboard should operate in a manner that is straightforward and transparent to the user.
- c. Inkboard require only that users posses installed copies of Inkscape, access to valid Jabber accounts, and some instant messaging client.

### **1.3 User Profile**

The Inkboard feature will be integrated into the Inkscape project and tested by its users. The majority of these users will generally have a sound working knowledge of Inkscape. Some of these users will also be testers, and will have a detailed understanding of the Inkscape code. Since Inkscape is an open-source project, the users will be able not only to provide feedback, but offer solutions to any problems they encounter.

## **1.4 Methodology**

Inkboard will essentially be “field tested” for usability. Inkscape users and developers will be given access to a version of Inkscape that includes the Inkboard feature, and may use it as they see fit. Users can submit bug reports and ideas for expansions to the development team as per standard Inkscape practice. Since Inkscape is an Open Source project, users may also submit their own modifications to the whiteboard feature for inclusion in future releases of Inkscape.

## **1.5 Terminology Evaluation**

Any user capable of operating both Inkscape and a Jabber instant-messaging client should have sufficient knowledge to use Inkboard.

## **1.6 Test Environment and Equipment Requirements**

Usability tests of Inkboard can be conducted with any two computers that can run Inkscape. Most of these will be Unix, Linux, or Macintosh machines.

In order to test this feature, each computer running Inkscape must be connected to the internet, and each user must possess a valid Jabber user account.

While testing the Inkboard feature, it is expected that users sharing an Inkscape document will be communicating with one another via a standard Instant Messaging client. This will likely be a Jabber client, since both users will have access to Jabber accounts.

## **1.7 Test Monitoring**

Test feedback after the end of the Inkboard project (05/17/05) should be provided to the developers of the main Inkscape project via its website (<http://www.inkscape.org/>) or the Inkscape developer mailing list.

## **1.8 Evaluation**

As with all features of Open Source projects, testing of Inkboard will be an ongoing process. Whenever bug reports, new code, or change requests are submitted by users, the current developers of Inkscape will be able to consider them and act as they deem appropriate.

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## To Do List

#	Who	Due	What
1			
2			

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## Revision History

Date	Who	Revision
05/11/05	Jason Segal	Created Document

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