

The Kollision Handbook

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Contents

1	Introduction	1
2	How to play	2
3	Game Rules, Strategies and Tips	3
3.1	Game Rules	3
3.2	Strategies and Tips	3
4	Interface Overview	4
4.1	The Game Menu	4
4.2	The Settings Menu	4
4.3	The Help Menu	5
5	Frequently asked questions	6
6	Credits and License	7
A	Installation	8
A.1	Compilation and Installation	8

Abstract

This documentation describes the game of Kollision version 0.1

Chapter 1

Introduction

GAMETYPE:
Arcade

NUMBER OF POSSIBLE PLAYERS:
One

A simple ball dodging game

Chapter 2

How to play

OBJECTIVE:

Let the blue ball move in the field without touching the red balls.

Click on the empty field to start a game: a blue ball immediately replaces your mouse cursor, and a number of red balls start to fade into the field.

When the red balls finish materializing, they move at a random speed in a random direction, and you have to promptly dodge them moving the blue ball inside the field with your mouse. After some time, other red balls will appear, fading in as before and then starting to move. Be prepared to avoid them, too.

You can choose the game difficulty level on the right of the status bar. The higher the difficulty level, the faster red balls move, and the more balls will appear on the play field.

Chapter 3

Game Rules, Strategies and Tips

Game Rules, Strategies and Tips

3.1 Game Rules

- Red balls move with constant speed on the game field bouncing off walls until colliding with another ball, which causes the speed and direction of both balls to change.
- The blue ball can be freely moved inside the field with the mouse.
- The blue ball cannot escape the field. If the cursor is moved out, the ball stays on the edge, until the cursor returns.
- The score is directly proportional to the time the game has lasted.
- Pausing the game subtracts a (cumulative) 5 seconds penalty from the total time.

3.2 Strategies and Tips

- Move the blue ball gently and slowly. Swinging across the field will make collisions with other balls more likely.
- Moving the cursor out of the field can be used as an elegant trick to come out of a screwed situation. Use it wisely.
- Do not pause the game unless absolutely necessary.

Chapter 4

Interface Overview

4.1 The Game Menu

Game → **End game** End a game and return to the welcome screen.

Game → **Pause (P)** Pauses or resumes the game.

Game → **Show High Scores (Ctrl+H)** This will show the best scores for the current level.

Game → **Quit (Ctrl+Q)** Selecting this item will end your current game, and exit Kollision.

4.2 The Settings Menu

Settings → **Play Sounds** Toggle whether sound effects should be played. The default is off.

Settings → **Show Statusbar** Toggle the display of the status bar at the bottom of the main window.

Settings → **Configure Toolbars...** Displays the KDE standard dialog to customize the toolbars.

Settings → **Configure Shortcuts...** Displays a standard KDE shortcut configuration dialog to change the keyboard shortcuts for Kollision.

4.3 The Help Menu

- Help** → **Kollision Handbook (F1)** Invokes the KDE Help system starting at the Kollision help pages. (this document).
- Help** → **What's This? (Shift+F1)** Changes the mouse cursor to a combination arrow and question mark. Clicking on items within Kollision will open a help window (if one exists for the particular item) explaining the item's function.
- Help** → **Report Bug...** Opens the Bug report dialog where you can report a bug or request a 'wishlist' feature.
- Help** → **Switch Application Language...** Opens a dialog where you can edit the Primary language and Fallback language for this application.
- Help** → **About Kollision** This will display version and author information.
- Help** → **About KDE** This displays the KDE version and other basic information.

Chapter 5

Frequently asked questions

1. *I want to change the way this game looks. Can I?*
No.
2. *Can I use the keyboard to play the game?*
No. Kollision can only be played with a mouse.
3. *I cannot figure out what to do here! Are there hints?*
Kollision does not have a 'Hint' feature.
4. *I have to quit the game now, but I am not finished yet. Can I save my progress?*
You cannot save games in Kollision.

Chapter 6

Credits and License

Kollision

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Appendix A

Installation

Kollision is part of the KDE project <http://www.kde.org/> .

Kollision can be found in the kdegames package on <ftp://ftp.kde.org/pub/kde/> , the main FTP site of the KDE project.

A.1 Compilation and Installation

For detailed information on how to compile and install KDE applications see [Building KDE4 From Source](#)

Since KDE uses **cmake** you should have no trouble compiling it. Should you run into problems please report them to the KDE mailing lists.