

The KReversi Handbook

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Abstract

This documentation describes the game of KReversi version 2.0

Chapter 1

Introduction

GAMETYPE: Board, Arcade

NUMBER OF POSSIBLE PLAYERS: One

KReversi is a simple one player strategy game played against the computer. The playing field is an 8 by 8 square board divided into 64 squares. The game pieces used are two sided stones, where each side has its own, distinctive color. If a piece is captured by an opposing player, that piece is turned over to reveal the color of that player. A winner is declared when one player has more pieces of his own color on the board and there are no more possible moves.

Chapter 2

How to Play

OBJECTIVE:

Get control over the majority of squares on the board.

KReversi loads directly into the game play mode. As a first player you have the right to move first.

NOTE:

By default the human player always has a right to the first move.

Now, imagine yourself that with each move your stone has to hop (jump) over the enemy's one (or ones, as there might be more than one stone). Yet, your stone does not relocate after the move, instead a new stone is placed on the board onto where your stone would have appeared if it indeed could jump. Once the move is done, all the enemy stones that you jump over, become yours and change their color respectively.

Every single move you do in KReversi has to be done in this manner. And you can jump your stones vertically, horizontally and diagonally. But, in case there is nowhere to jump, your turn will automatically skip.

NOTE:

The same rule applies to your enemy. If there is no possibility to make a move the turn is skipped.

The idea here is to fill the board with the stones of your own color. The player who manages to conquer the most of the game board is announced the winner.

Chapter 3

Game Rules, Strategies and Tips

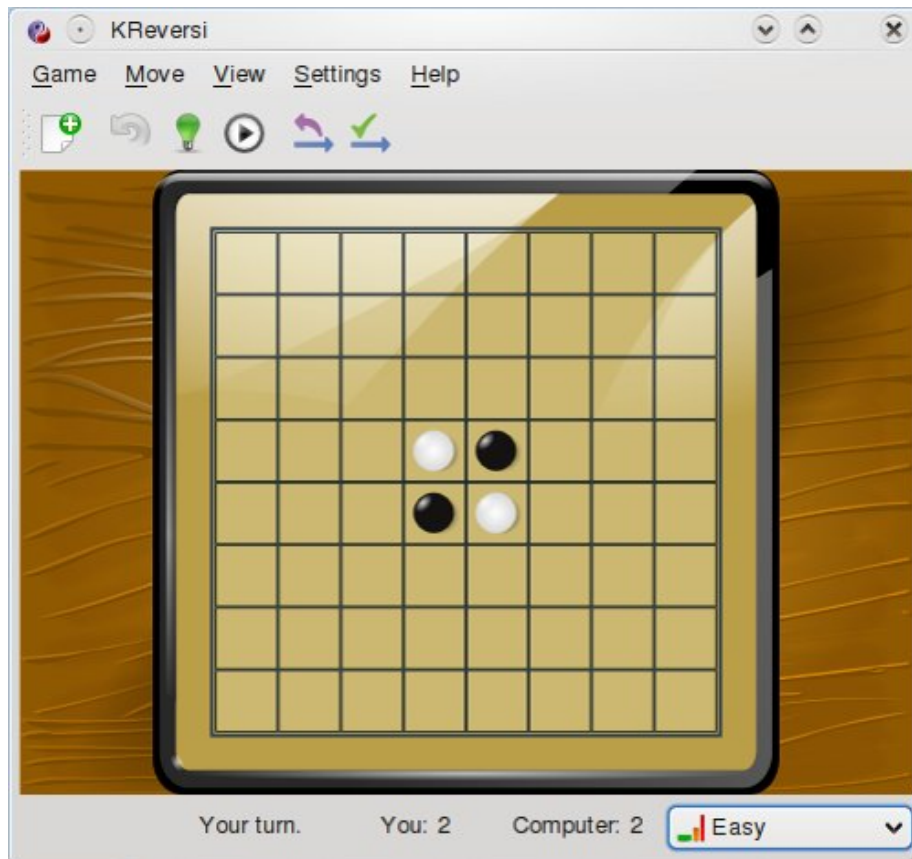
3.1 Game Basics

A move consists of outflanking your opponents stone(s), then flipping the outflanked stone(s) to reveal your color. A move is performed by placing the mouse pointer over the desired square then left mouse button click.

To outflank means to place a stone on the board so that your opponent's row(s) of stone(s) is bordered at each end by a stone of your color. A row may be made up of one or more stones.

The game starts with each player having two stones automatically placed in the center four squares of the board in the following pattern:

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Board Layout

Menu Bar The Menu Bar contains several choices of drop-down menus. These are [Game](#), [Move](#), [View](#), [Settings](#), and [Help](#). Click with the left mouse button or Alt+the underlined letter to show the drop-down menu.

Toolbar Provides the player with icon shortcuts for commonly used actions. These are New, Undo, Hint, Demo, Show Last Move, and Show Legal Moves. Place the mouse pointer over any of these icons and click with the left mouse button to activate.

Game Board The game board consists of a 8 by 8 square board divided into 64 squares.

Status Bar The status bar displays whose turn it is.

3.2 Game Rules

You always move first.

If on your turn you cannot outflank and flip at least one opposing stone, your turn is forfeited and your opponent moves again. However, if a move is available to you, you may not forfeit your turn.

A stone may outflank any number of stones in one or more rows in any number of directions at the same time - horizontally, vertically or diagonally. A row is defined as one or more stones in a continuous straight line.

You may not skip over your own color stone to outflank an opposing stone.

Stones may only be outflanked as a direct result of a move and must fall in the direct line of the stone placed down.

All stones outflanked in any one move must be flipped, even if it is to the player's advantage not to flip them.

Once a stone is placed on a square, it can never be moved to another square later in the game.

When it is no longer possible for either player to move, the game is over. Stones are then counted and the player with the majority of his or her color discs on the board is declared the winner.

NOTE

It is possible for a game to end before all 64 squares are filled.

3.3 Strategies and Tips

Try to place stones on the corners whenever possible. Your opponent cannot outflank these stones.

Avoid placing stones on one of the three neighbor fields of a corner unless you are absolutely sure that your opponent will not be able to put a stone on a corner.

Sometimes it is better to offer some stones to your opponent.

Try to put stones on fields which prevent your opponent from moving.

Try to force your opponent to put a stone in a neighboring field of a corner.

Chapter 4

Interface Overview

4.1 Game Menu

Game → **New (Ctrl+N)** Starts a new game.

Game → **Show High Scores (Ctrl+H)** Opens a dialog that displays different high score tables. **Export...** the high scores into a file or click on **Configure...** to open a dialog to customize your Nickname and add a Comment.

Game → **Players and Seats (S)** Option is currently disabled.

Game → **Quit (Ctrl+Q)** Exit KReversi

4.2 Move Menu

Move → **Undo (Ctrl+Z)** Removes your last move as well as the computer's last move from the board.

Move → **Hint (H)** The computer will provide a hint for your next move.

Move → **Demo (D)** Start/Stop the demo mode.

4.3 View Menu

View → **Show Last Move** Highlights your opponent's last move.

View → **Show Legal Moves** Highlights all the moves available for your current move.

View → **Show Move History** Enables/Disables the move history sidebar.

4.4 Settings Menu

- Settings** → **Animation Speed** → **Slow** Set the game animation speed to slow.
- Settings** → **Animation Speed** → **Normal** Set the game animation speed to normal.
- Settings** → **Animation Speed** → **Fast** Set the game animation speed to fast.
- Settings** → **Computer Skill** → **Very Easy** Set the difficulty to be very easy.
- Settings** → **Computer Skill** → **Easy** Set the difficulty to be easy.
- Settings** → **Computer Skill** → **Normal** Set the difficulty to be very normal.
- Settings** → **Computer Skill** → **Hard** Set the difficulty to be hard.
- Settings** → **Computer Skill** → **Very Hard** Set the difficulty to be very hard.
- Settings** → **Computer Skill** → **Unbeatable** Set the difficulty to be very unbeatable.
- Settings** → **Computer Skill** → **Champion** Set the difficulty to be champion like.
- Settings** → **Use Colored Chips** Toggle the color of the stones between black and white (default), and red and blue.
- Settings** → **Show Toolbar** Toggle the toolbar on and off.
- Settings** → **Show Statusbar** Toggle the status bar on and off.
- Settings** → **Configure Shortcuts...** Opens a dialog which lets you configure all the keyboard shortcuts which are available in KReversi.
- Settings** → **Configure Toolbars...** Open a dialog where you can configure the toolbars for KReversi.

4.5 Help Menu

- Help** → **KReversi Handbook (F1)** Invokes the KDE Help system starting at the KReversi 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 KReversi 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.

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Help → **About KReversi** 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?*

The only part of the game that can be changed is the color of the stones. To change the color of the stones use Settings → Use Colored Chips on the menubar.

2. *Can I use the keyboard to play the game?*

No. KReversi does not provide for the keyboard play.

3. *I have to quit the game now, but I am not finished yet. Can I save my progress?*

No. KReversi does not have a save feature.

Chapter 6

Game Configuration

6.1 Multiplayer Support

KReversi can be played online on any GGZ Gaming Zone site. You can find other players there, and compete against them. Just enter one of the available Reversi rooms with any GGZ core client, such as kggz, and KReversi will be offered to you as your favourite game client. If a GGZ core client is installed, you can try out GGZ by visiting the [community site](#).

Remember that when playing online, the opponent might be either a human player or a computer player. The latter one might behave differently from the computer player included in KReversi.

Chapter 7

Credits and License

KReversi

Program Copyright 1998-2000 Mario Weilguni

Mats Luthman - Designer of the move engine.

Original documentation by Mario Weilguni

Edited by Robert Williams

Documentation re-written and updated for KDE 2.0 by Clay Pradarits gasky@winfire.com

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Appendix A

Installation

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

KReversi 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.