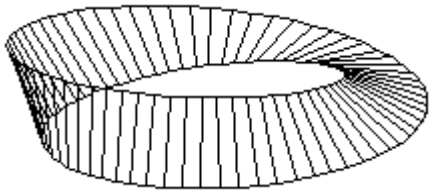
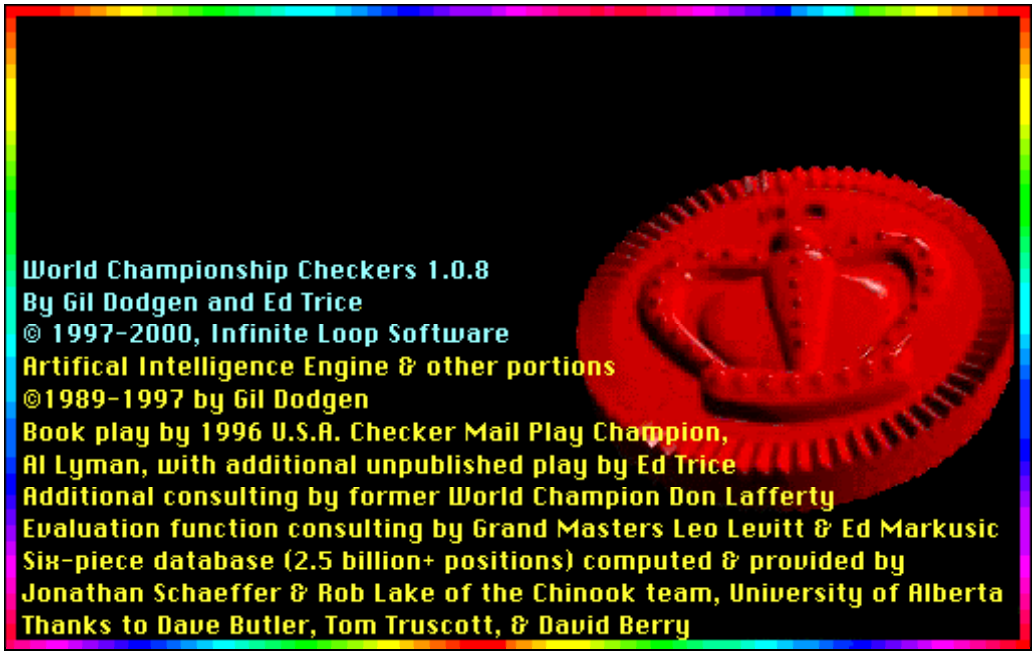


Infinite loop Software
1201 Bethlehem Pike • Suite 105
North Wales, PA 19454
Phone: (215) 793-0422
http://www.infiniteloop.org

This document contains important release notes.

Please read it completely .

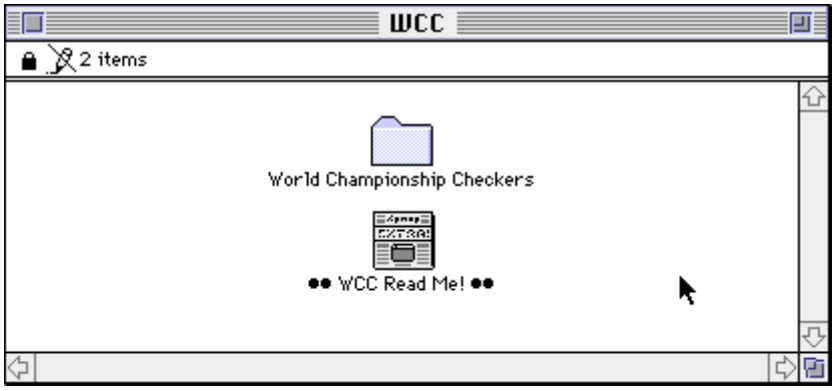


Documentation for:

- World Championship Checkers Gold
- World Championship Checkers Gold Plus (November 2000)
- World Championship Checkers Platinum (December 2000)
- World Championship Checkers Platinum Plus (March 2001)

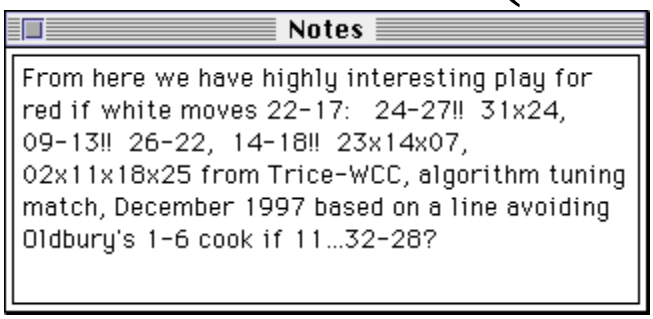
INSTALLING WCC FROM THE CD

1) Install WCC onto your hard drive by dragging the **World Championship Checkers** folder from the CD to your hard drive, as shown below . This will copy the database files, the program, and the opening books to your hard drive.



When you run WCC from your hard drive, the program will ask you to insert the WCC CD. After you successfully insert the CD, and the main playing board comes up, you no longer need the CD in your drive. You can remove it at that time.

New In Version 1.0.8 (and later)

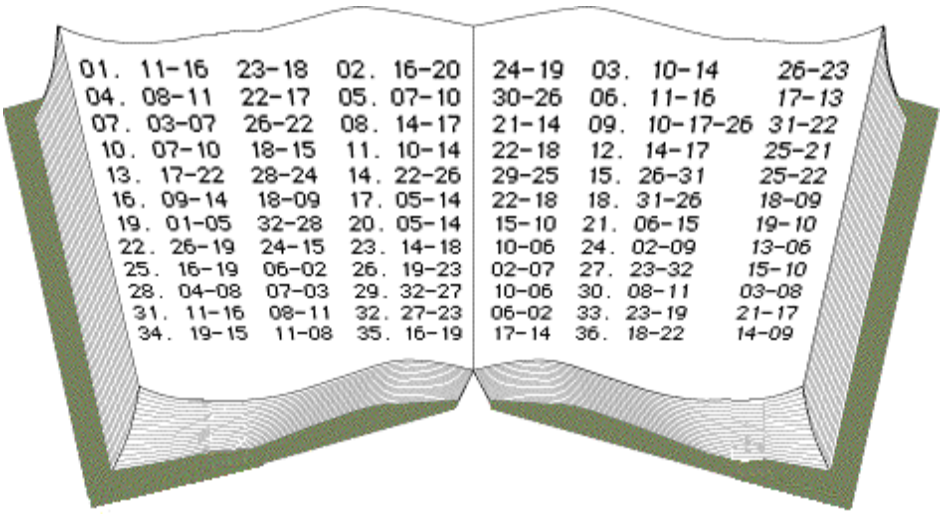


You can now add notes to any position, and the program will display them every time the same position arises. For example, if you play through this game on WCC...

09-14 24-19, 11-16 22-18, 08-11 18-09, 05-14 25-22, 11-15 29-25, 15-24 27-20-11, 07-16 22-18, 06-09 28-24, 04-08 25-22, 16-20 24-19, 20-24 18-15, 01-06 22-17, 24-27 31-24, 09-13 26-22, 14-18 23-14-07, 02-11-18-25 17-14, 06-10 14-07, 03-10 32-27, 25-29 27-23, 10-14 24-20, 29-25 30-26, 13-17 19-16, 12-19 23-16, 08-12 16-11, 25-22 26-23, 22-18 23-19, 17-22 11-07, 22-26 20-16, 18-23 16-11, 23-16 07-03

You will see notes similar to the one above pop up now and then. You can enter up to 255 characters for every position. This feature is brand new, and not shown in the manual. It is the **Annotate Position...** item under the **Special Menu**

New Opening Book Updates



Currently, the opening book that ships with WCC contains 173,142 positions (which includes the ability to recognize colors reversed positions.)

WCC Gold Plus users, and the WCC Platinum family , will receive a book that contains 34,274 more positions, for a total of 207,416. **These new positions represent strong attacks that are not published anywhere** that lead to overwhelming complexities. All of the games featuring Ed T rice defeating Chinook (the W orld's Strongest Program) are now in this book! Endgame data from difficult 10 and 8 piece positions allow WCC to play as if it had perfect knowledge of some of the most difficult endings (include Boland's Bridges, and Boland's Masterpieces).

This book also adds...

• Strong attacks and perfect defenses in games from the 1997 W orld Man-Machine tournament held in Manchester England (which WCC won.)

• Games from the little known 40 game Lafferty-Chinook match of 1995

• Strong unpublished attacks from the 500+ games Ed T rice played against Chinook and WCC Gold

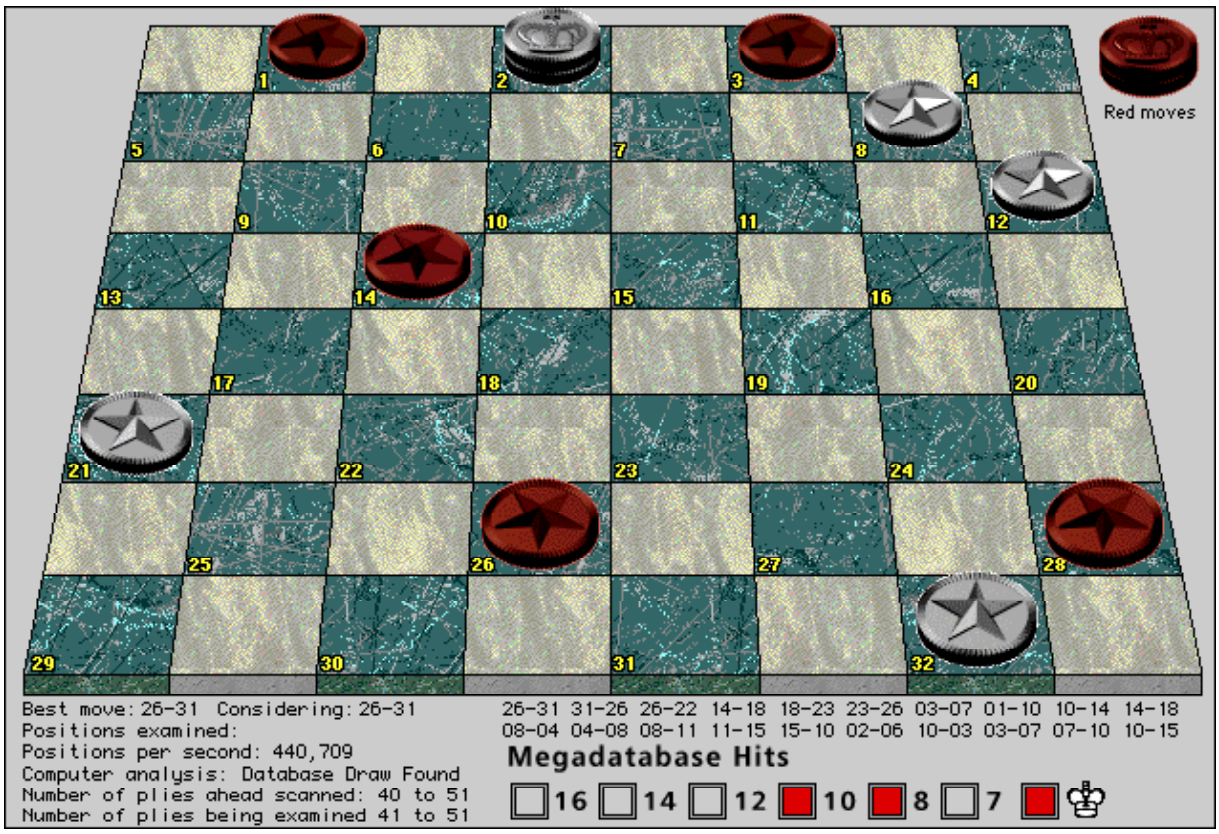
• Corrections to Long-T insley, Chamblee-T insley, Chinook-T insley, and other great Grandmaster contests.

The book update is $15 for WCC Silver users, or $10 for WCC Gold users.
(See the ordering information at the end of this document)

W orld Championship Checkers Gold Plus

All versions of WCC will now display an area at the bottom of the screen entitled " **Megadatabase Hit's** This features is only activated for WCC Gold Plus and higher . The "Megadatabase" contains certain complex positions that can take (in some instances) over 200 moves to win, so WCC can **avoid being caught** in these traps, as well as **force someone into** one of them. W ithout the Megadataase on, WCC would not realize there was a trap until many moves too late, or if it had an opponent in the trap, might not play properly to force the win. Again, these traps are extremely complicated, and with knowledge of how to play these positions perfectly , WCC becomes an even more formidable opponent. WCC computes "formulas" that tell it when such a position arises as it searches, so there is no "database" to load on the CD.

W orld Championship Checkers Gold Plus



Screenshot showing the Megadatabases that have been probed (16 piece, 14 piece, 12 pieces, etc.)

WCC Prices & Products

WCC Silver Edition
$20

Opening Book	173,142 positions
5 piece database in RAM	**148,688,232** positions known to be wins, losses, or draw .
	When ahead, WCC will never fall into a draw or loss.
	If ever behind, WCC will play for any position in the 148,688,232
	that will get it out of trouble.

WCC Gold Edition
$65

Opening Book	173,142 positions
6 piece database in RAM	**2,503,611,964** positions known to be wins, losses, or draw .
	When ahead, WCC will never fall into a draw or loss.
	If ever behind, WCC will play for any position in the 2,503,61 1,964
	that will get it out of trouble.

WCC Gold Plus Edition
$95

Opening Book	**207,416 positions**
5 piece database in RAM	148,688,232 positions known to be wins, losses, or draw
6 piece database in RAM	2,503,611,964 positions known to be wins, losses, or draw
	When ahead, WCC will never fall into a draw or loss.
	If ever behind, WCC will play for any position in the 2,503,61 1,964
	that will get it out of trouble.
Megadatabase in RAM	Run-time equations compute 16 piece, 14 piece, 12 piece,
	10 piece, and 8 pieces “slices” that occur during the search,
	greatly reducing the size of the “look-ahead tree”. **This allows WCC**
	to function with the equivalent of trillions of positions in RAM.
	Plays 4th position (a difficult 7 piece draw when down a king) perfectly

WCC Platinum Edition

$135

Opening Book	207,416 positions
5 piece database in RAM	148,688,232 positions known to be wins, losses, or draw
6 piece database in RAM	2,503,611,964 positions known to be wins, losses, or draw When ahead, WCC will never fall into a draw or lose. If ever behind, WCC will play for any position in the 2,503,611,964 that will get it out of trouble.
Megadatabase in RAM	Run-time equations compute 16 piece, 14 piece, 12 piece, 10 piece, and 8 pieces "slices" that occur during the search, greatly reducing the size of the "look-ahead tree". This allows WCC to function with the equivalent of trillions of positions in RAM. Plays 4th position (a difficult 7 piece draw when down a king) perfectly.
5 piece perfect play database	**All 5 piece wins will be executed immediately without having to search.** The longest win requires over 75 moves (150 plies) to be executed perfectly, and without this database, no program on planet earth can search to the end of the game to find the subtle win.

WCC Platinum Plus Edition

$185

Opening Book	207,416 positions
5 piece database in RAM	148,688,232 positions known to be wins, losses, or draw
6 piece database in RAM	2,503,611,964 positions known to be wins, losses, or draw When ahead, WCC will never fall into a draw or lose. If ever behind, WCC will play for any position in the 2,503,611,964 that will get it out of trouble.
Megadatabase in RAM	Run-time equations compute 16 piece, 14 piece, 12 piece, 10 piece, and 8 pieces "slices" that occur during the search, greatly reducing the size of the "look-ahead tree". This allows WCC to function with the equivalent of trillions of positions in RAM. Plays 4th position (a difficult 7 piece draw when down a king) perfectly.
5 + 6 piece perfect play database	**All 5 + 6 piece wins will be executed immediately without having to search.** The superlatives associated with this innovation are too numerous to list.