PlayGo!

Group #31
Carlos Lawrence
Parth Mishra
David Brunelle

Overview



Rules w/ difficulties and implementations

○ Design patterns

Start Game

Grid Size

9 x 9

11 x 11

19 x 19

Game Mode

2 Player

vs. Al

Name

Player 1

Player 2



Video Link

CB

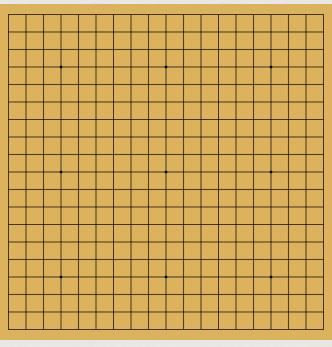
https://youtu.be/-QsdOXUrP8M

Basics of Go

03

Real Basic rules:

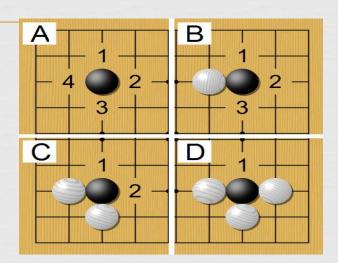
- 2 Players black and white stones
- Can place a piece anywhere on the board
- **Black** goes first
- © Played on 9x9, 11x11, 19x19



Captures

03

- Rieces have liberties
- Surround all liberties to capture
- Adjacent stones mix liberties
- **Captures** precede liberties

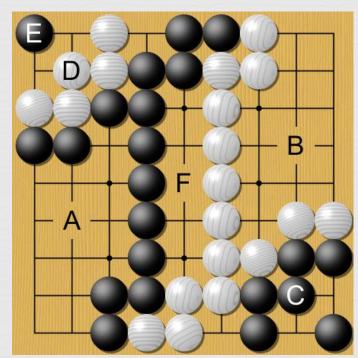




Territories and Scoring

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- Count empty points stones surround
- Roints enclosed by both players is awarded to neither



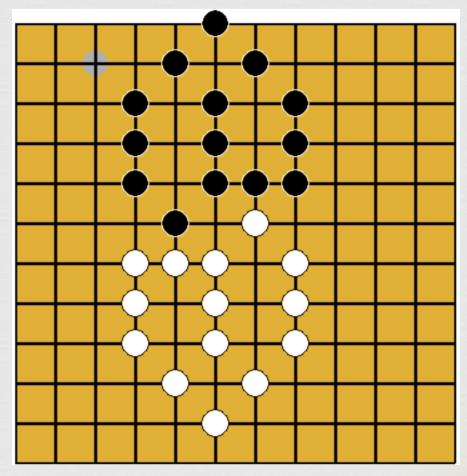
Singleton

03

ca Grid

Python implementation of singleton

Why we needed to use singleton



Façade

CS

START

9 x 9

11 x 11

19 x 19



Player 1

Start Game

Grid Size

Images

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