



Bang! @633d753

C: 140.0 KB | Vue: 22.7 KB | TypeScript: 12.0 KB

Zero Memory Leak Multi-Threading Game Server
Amazing Intelligence Computer Agent
Web-Based Graphical User Interface



Maintainers

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Architecture Design | Client GUI | WebSocket Server | Test

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Architecture Design | Game Manager | UI Art / Design | Test

特別感謝 林柏佑 (Melo) 擔任封閉測試人員陪我們玩



舒適圖形介面，視覺化操作更簡單

線上多人連線，好友一起玩更好玩

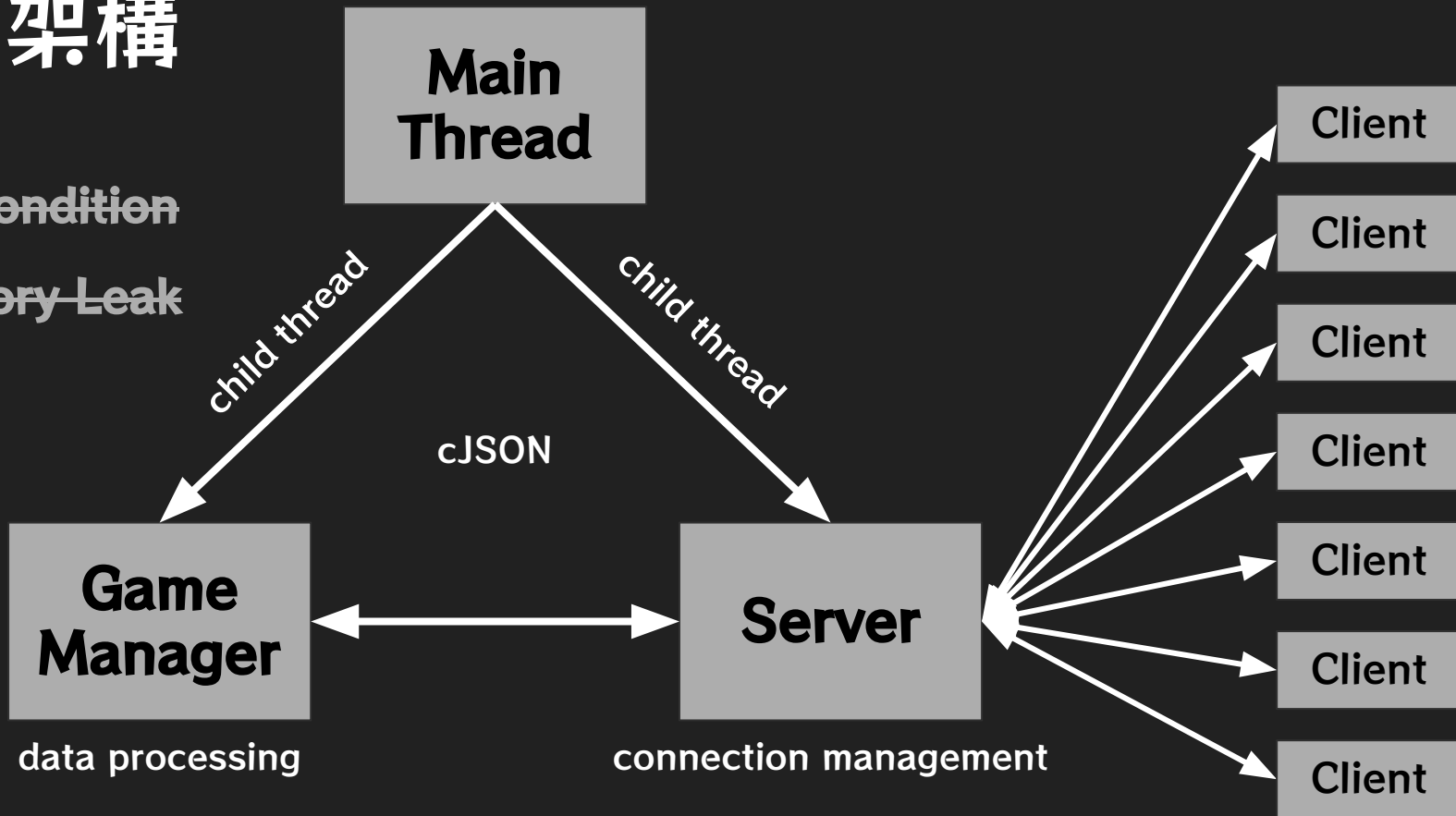
遊戲人工智慧，沒朋友也能自己玩



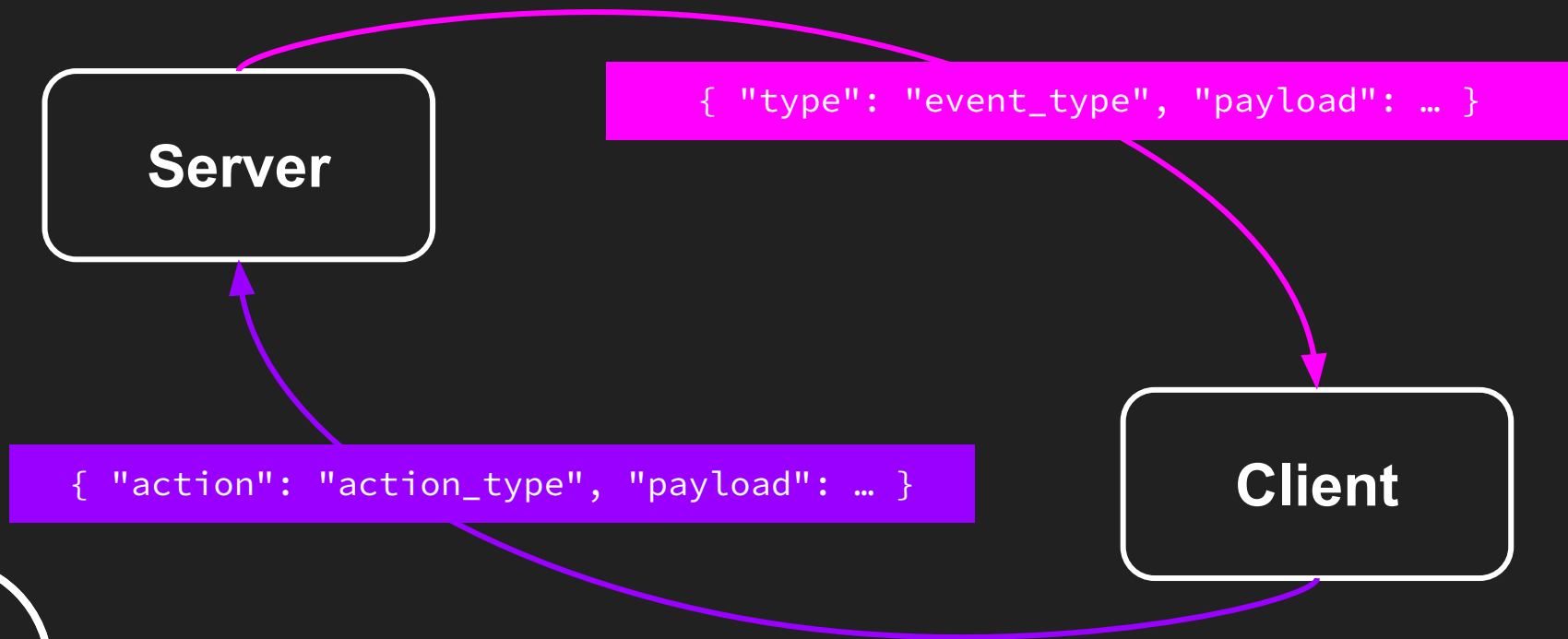
系統架構

~~Race Condition~~

~~\$ Memory Leak~~



事件傳遞、遊戲操作



GUI Client

操作直覺

跨平台

免安裝

你的電腦一定有瀏覽器
要不然怎麼 Google Meet

我們也歡迎任何人做出相容 Server API 的 TUI !

The screenshot displays a web-based card game interface. At the top, a yellow banner contains the text "Dead of Winter". The main play area is divided into several sections: a central area for the community cards (showing a "49" card and a "9" card), a top section for Computer 2's hand (showing three "BANG!" cards and one "INDIANS" card), a bottom section for Jacob's hand (showing a "LUCKY DRAW" card and a "SHOOTING SCOPED" card), and side sections for Computer 1 and Computer 3's hands. Computer 1's hand includes "BANG!", "EL GRINGO", and "DYNAMITE" cards. Computer 3's hand includes "SCOPED", "BANG!", "BANG!", "BANG!", "DYNAMITE", "EL GRINGO", "DYNAMITE", "DYNAMITE", and "DYNAMITE" cards. A chat log on the right side of the interface shows the game progress: "Computer 2 skip this round", "Computer 3: It's my turn!", "Computer 3 gets two cards from deck", "Computer 3: I equip SCOPE!", "Computer 3: I use INDIANS!", "You need to use a BANG to avoid INDIANS card", "Computer 3 attack Jacob", "Computer 3 attack Computer 1", "Computer 1: Use El Gringo's skill! I can get one card from attacking people", "Computer 3: I use PANIC to Computer 1!", "Computer 3: I use PANIC to Computer 1!", "Jacob: It's my turn!", "Will the dynamite explode?", "The judge card is...Club of 9", "The dynamite judge result is ... SAFTY!!!", "Jacob gets two cards from deck", "Select a card to use", and "Type here to chat, press enter to send.". A "Skip" button is visible at the bottom right of the chat log.

Computer 2 skip this round

Computer 3: It's my turn!

Computer 3 gets two cards from deck

Computer 3: I equip SCOPE!

Computer 3: I use INDIANS!

You need to use a BANG to avoid INDIANS card

Computer 3 attack Jacob

Computer 3 attack Computer 1

Computer 1: Use El Gringo's skill! I can get one card from attacking people

Computer 3: I use PANIC to Computer 1!

Computer 3: I use PANIC to Computer 1!

Jacob: It's my turn!

Will the dynamite explode?

The judge card is...Club of 9

The dynamite judge result is ... SAFTY!!!

Jacob gets two cards from deck

Select a card to use

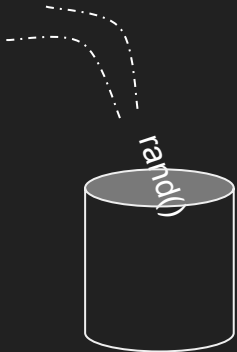
Type here to chat, press enter to send.

開發中遊戲畫面

Amazing Intelligence

仇恨值 X 權重計算

不再是隨機出牌的爛電腦



製作者都有可能打輸

而且一直輸

Card Weight

depends on

my/enemy equipments
my/enemy card size
my/enemy hp
my/enemy distance
my role
BAD_GUY Threshold

and

Hate Value

(do bad action,
attack Sheriff...)

AI_PLAY

\geq Threshold

OR

AI_FORCEPLAY

return
biggest

$<$ Threshold

return
NULL

AI_DISCARD

return
smallest



未來預期可增加功能

可選擇擴充牌組

支援三、八人特殊模式連線

提示音效、視覺引導及多語系

可選 AI 強度

未來不預期增加功能

增加課金商城

VIP 特殊造型

月票付費系統

青少年防沉迷系統



捐款贊助

房間語音通話

[=> -----] 0 / 50,000

對戰統計系統

[=> -----] 0 / 50,000

?????

[=> -----] 0 / ??,???



Reference & Source

- Bang! (card game) - Wikipedia
 - [https://en.wikipedia.org/wiki/Bang!_\(card_game\)](https://en.wikipedia.org/wiki/Bang!_(card_game))
- Card List - Bang!
 - <https://bang.dvgiochi.com/cardslist.php?id=1>



Demo!

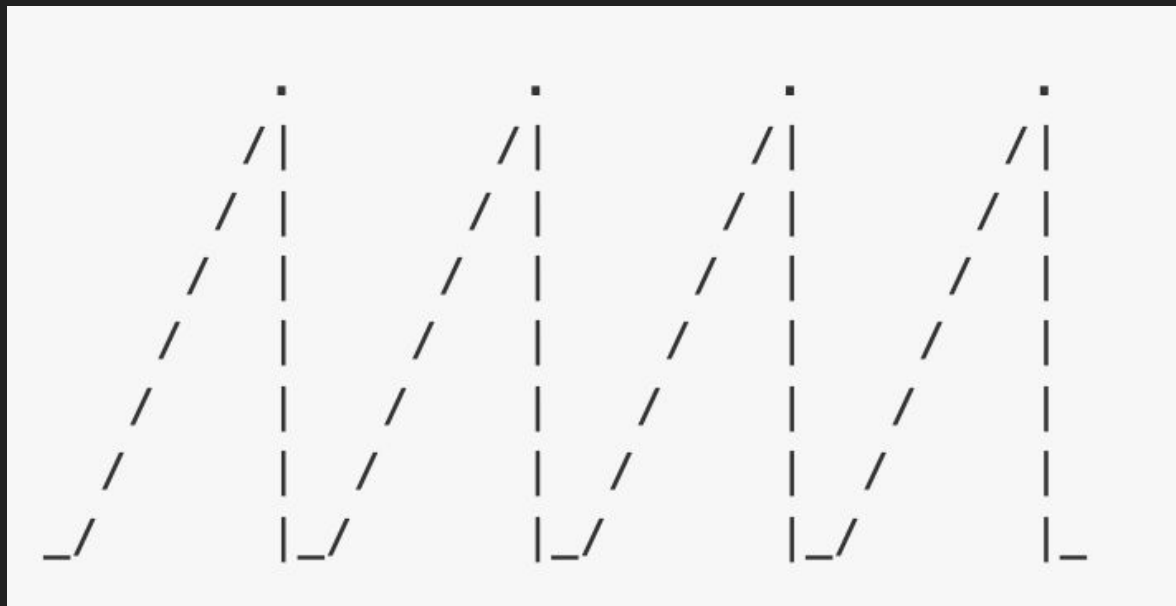
<https://bang.jacoblin.cool>

<https://github.com/JacobLinCool/Bang-C>

全螢幕遊玩體驗更佳



看來是連線數太多了！



SEGV Fallback Demo Video



