

Overview of KYOGI

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1. How to get the highest score?

A soft with our designed algorithm will help us to arrange the bricks so that we can obtain the highest score with the bricks that we already had. This program also help us to determine how important a next brick is.

2. The price is right

This is the most difficult part of this game. We'll value a brick on many purpose: the size, the remaining money we have, the remaining money the opponent have,

3. Attack the opponent

If we can determine how important is a brick to us, we also can determine how important is a brick to someone else. Of course, we need a "spy" to do this. A spy will go around and see what the opponent trying to do. If they really really need some bricks, try to "steal" it by making a high negotiation.

4. Quick hands

We will not arrange the bricks right after we have it because there's a lot of other bricks coming and it'll not be optimal. We 'll decide the time we start to arrange the bricks depend on various matches. But no later than the last 2 rounds of negotiation. This also help us to keep our strategy secret.

Sometimes, computer cannot be as smart as human. This soft just help us to make a good decision, the final choice is ours. But it will be very helpful.