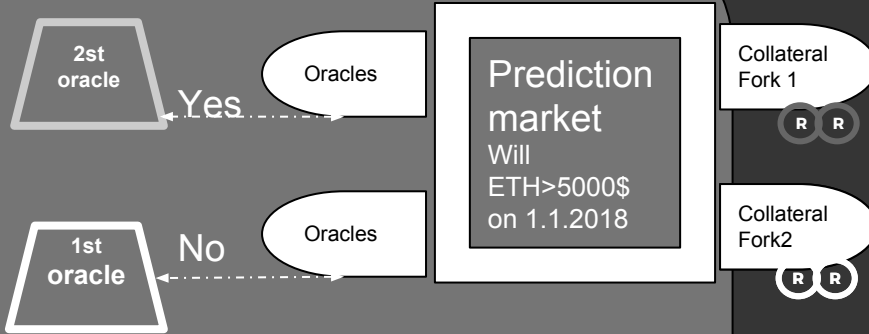

Reality Tokens

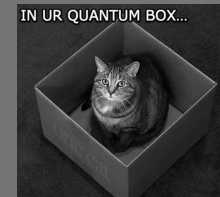
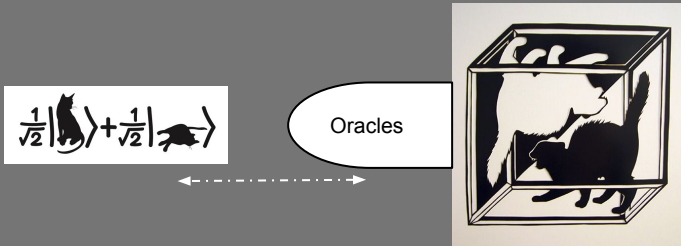
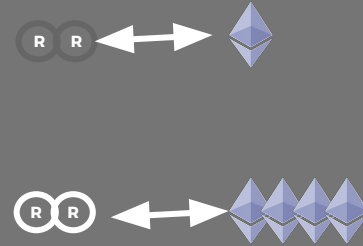
Schrodingers Prediction Markets in subjectivocracy

Unknown space



Measured space

Public Market

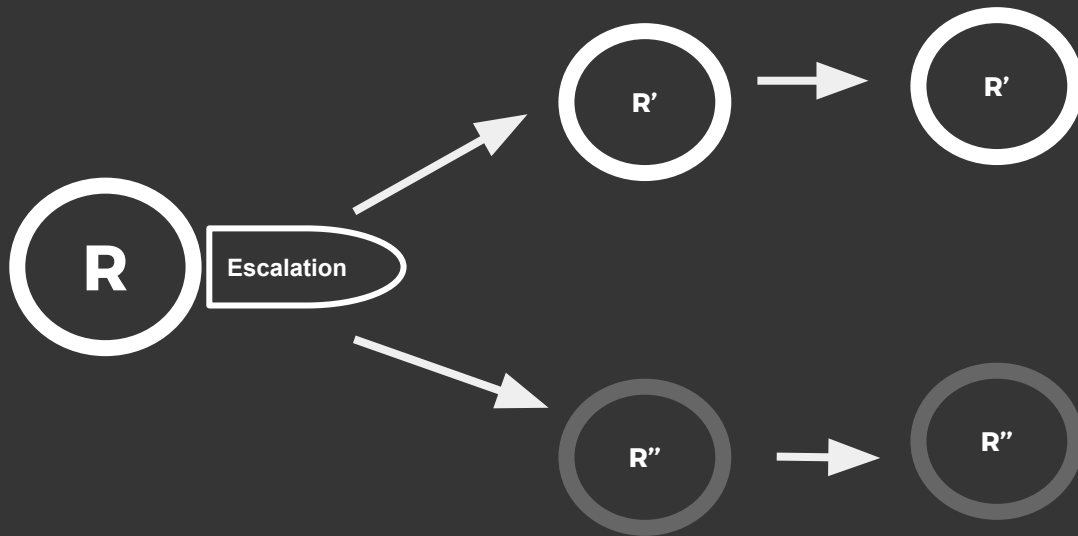


Viable Oracle solutions:

1. Ultimate Oracle + Ethereum hardfork
2. **Reality Tokens**
3. Oracle cages
4. ERC20 unions

Reality Token

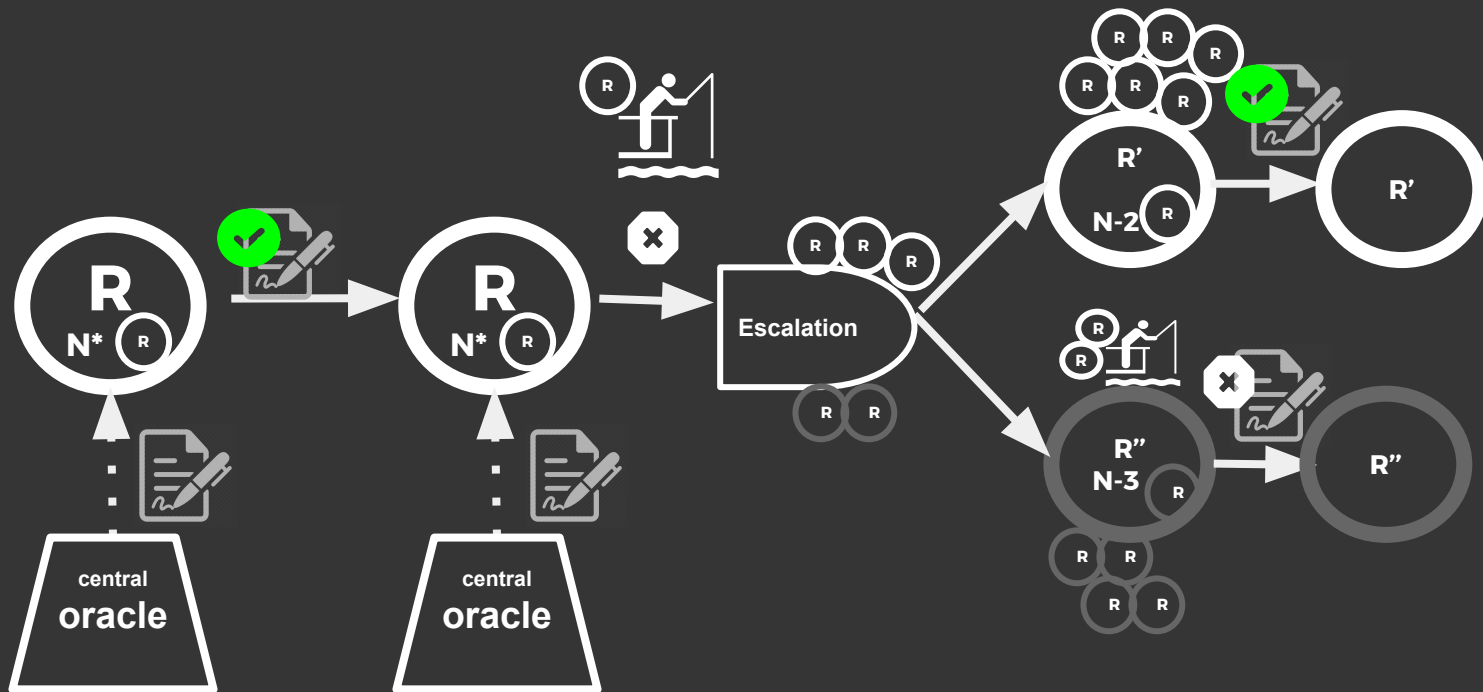
Idea: Subjectivocracy presented via reality tokens



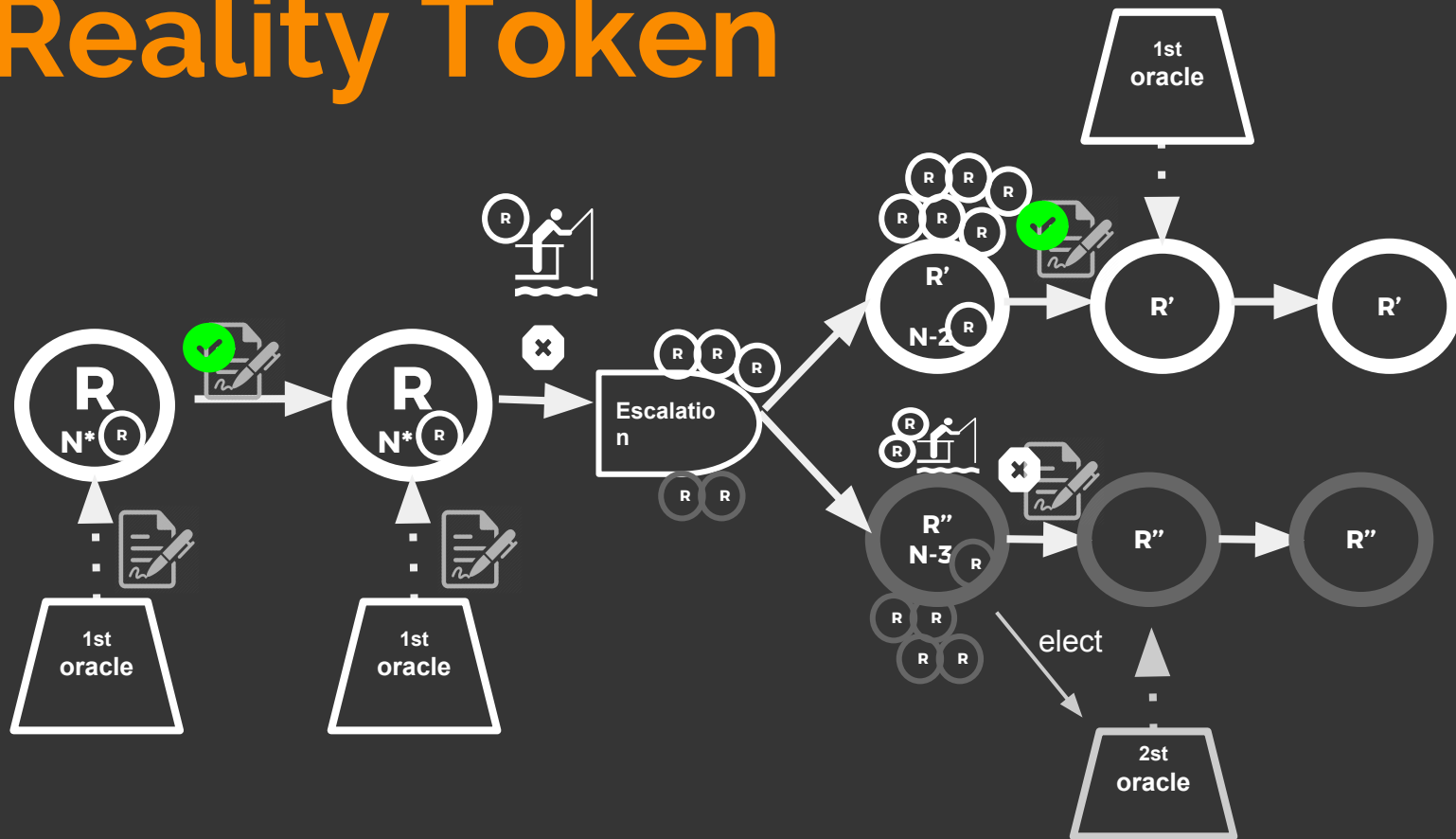
Trick

Arbitrators are tokenholder of the Reality Token. No objective arbitration process is given.

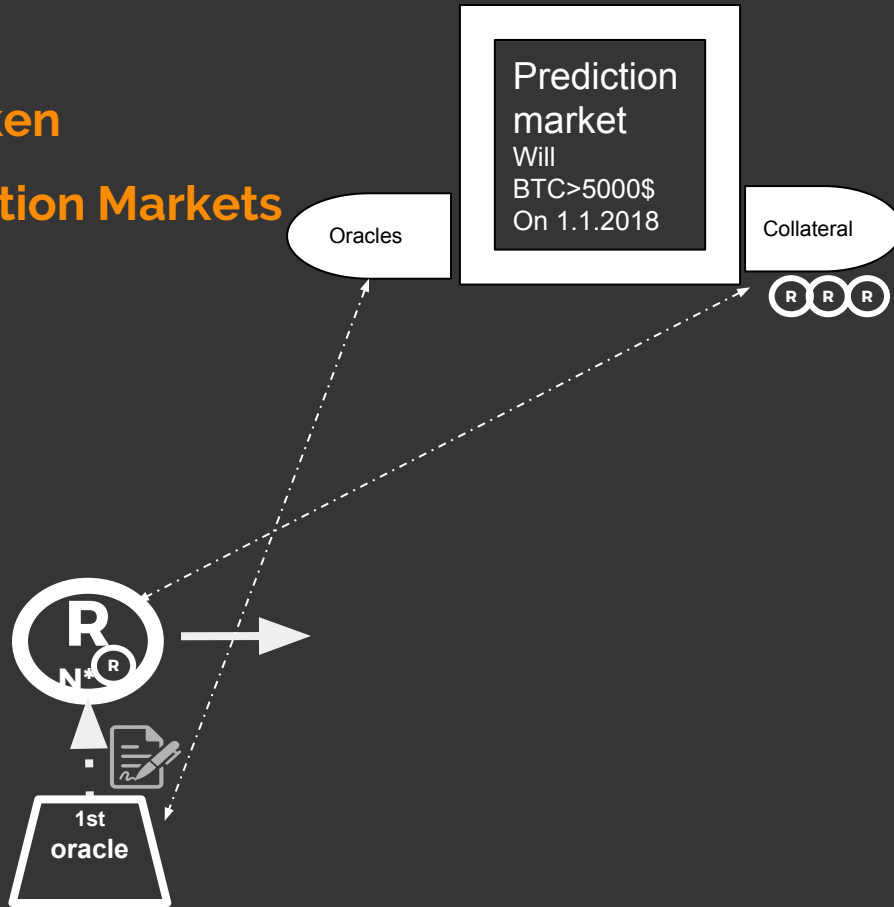
Reality Token



Reality Token



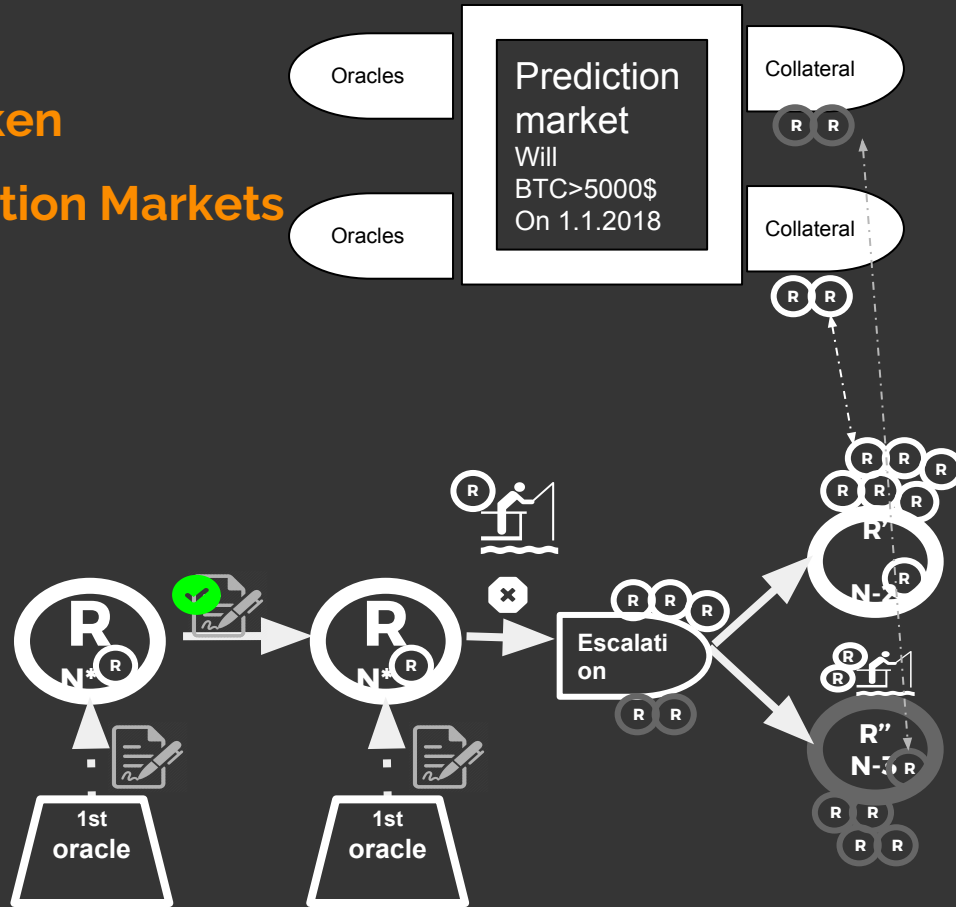
Reality Token And Prediction Markets



1 step

A reality token is put as collateral in the prediction market

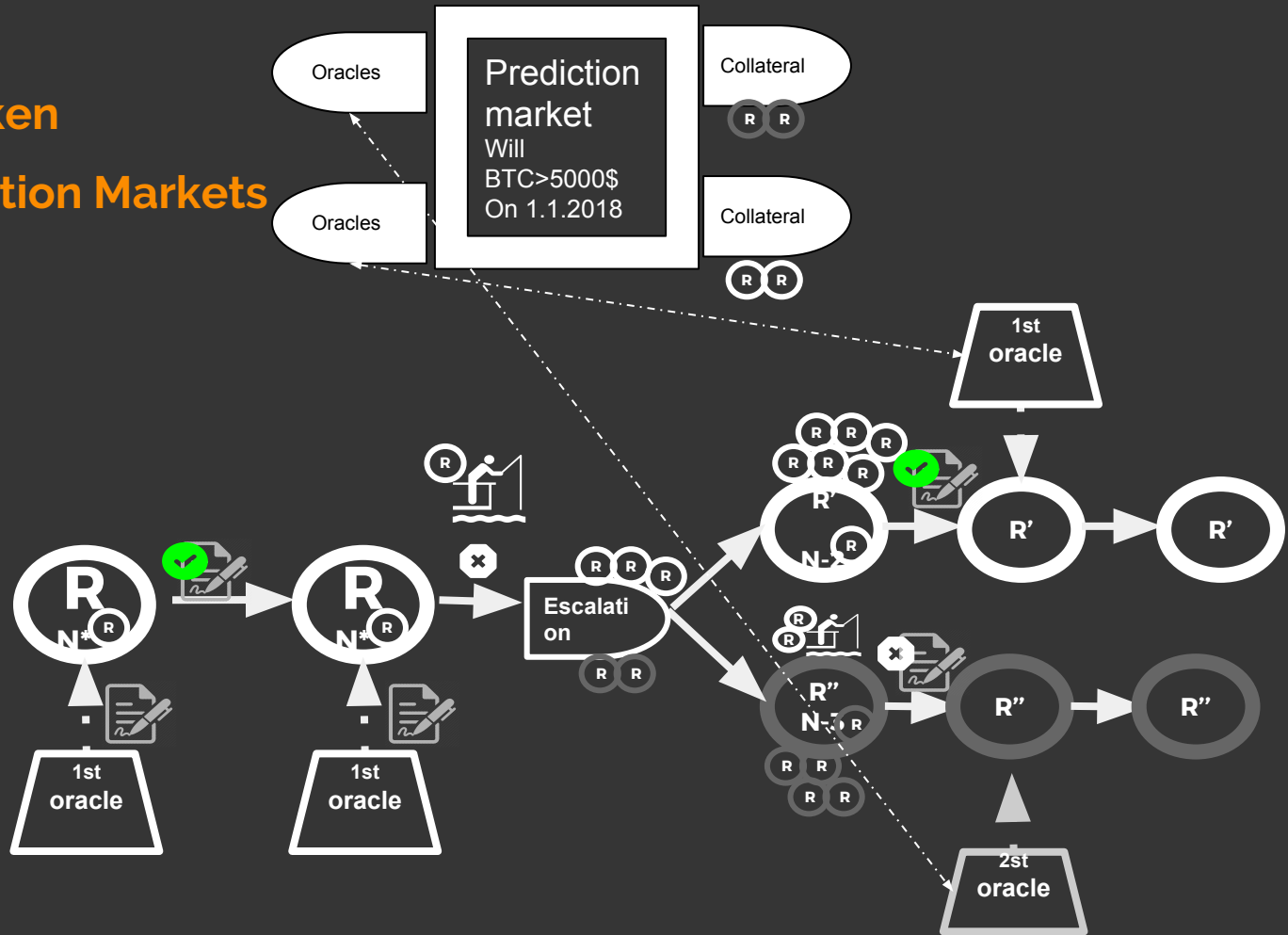
Reality Token And Prediction Markets



2 step

Collateral Reality token splits each time the prediction market splits

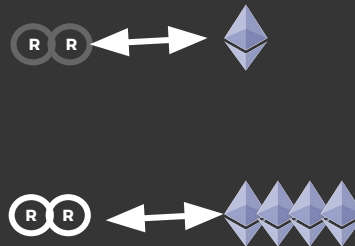
Reality Token And Prediction Markets



Reality Token And Prediction Markets



Public Market



Trick

Prediction market will not do the arbitrator decision, the aftermarket will do it.

Fancy

Prediction market will never the less return the right probabilities.

Why should the Reality Token have any value:

Because it can be used as **collateral** to leverage the **truth**

Use cases:

Collateral for **stable tokens**

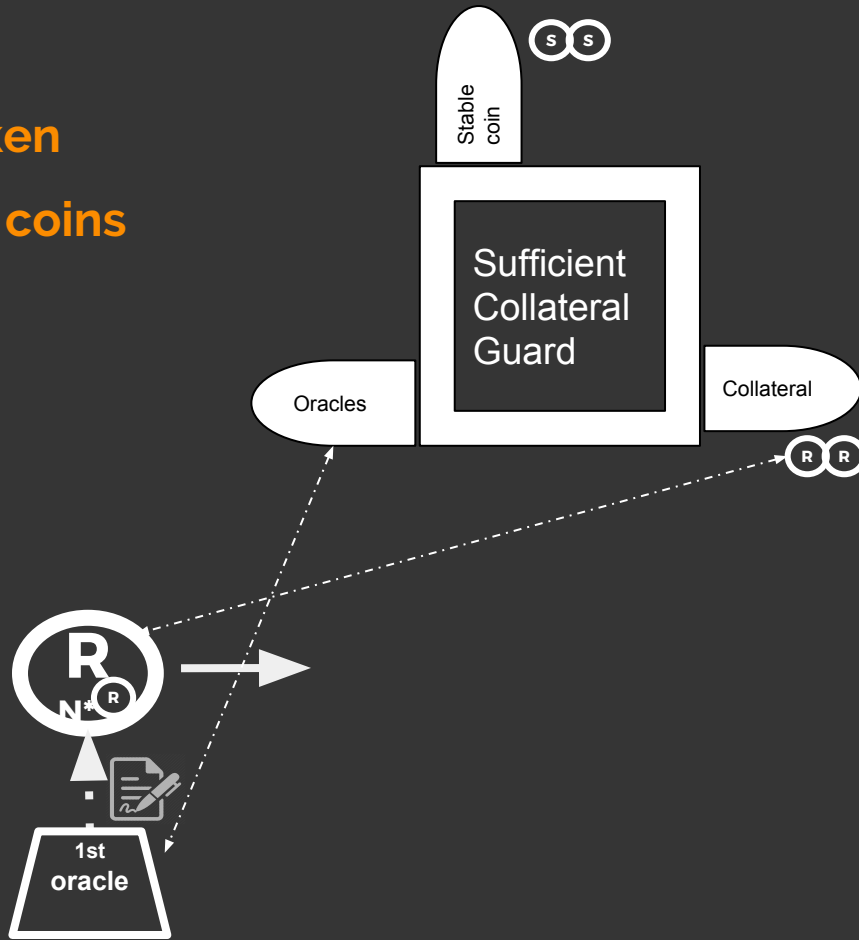
Collateral for **derivatives**

Collateral for **insurances**

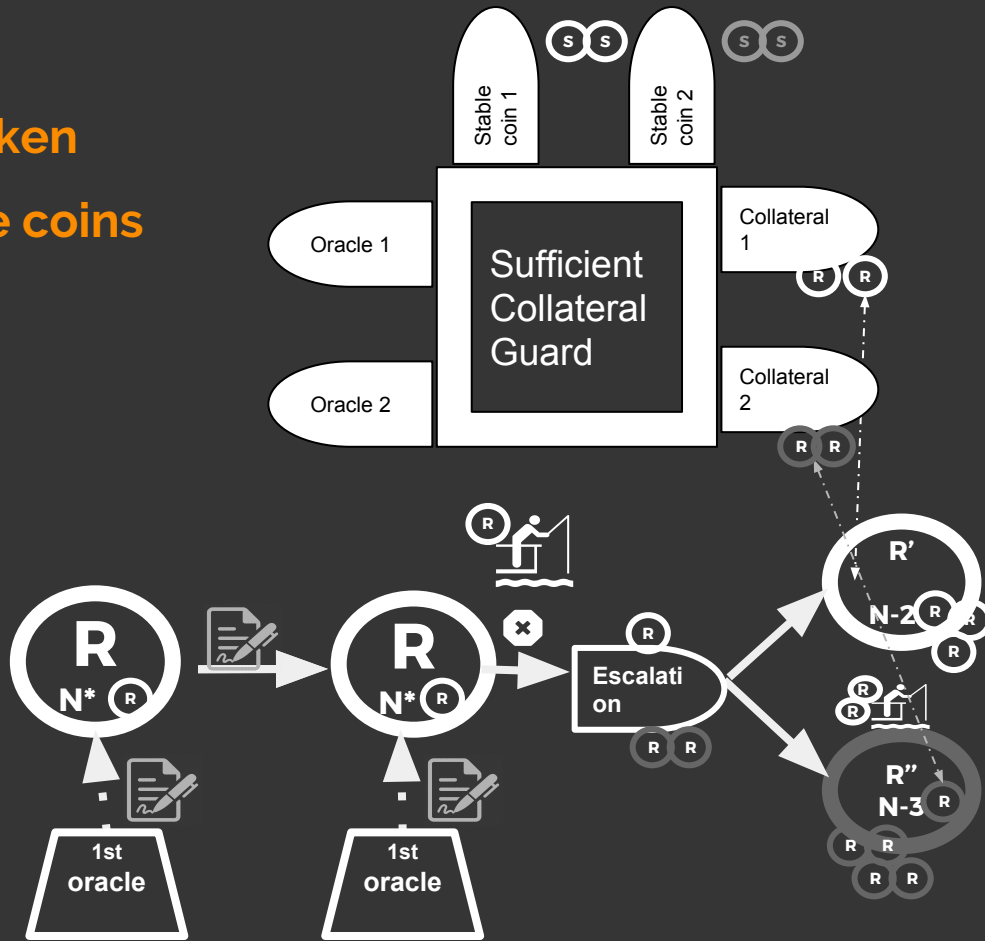
Collateral for **prediction Markets**

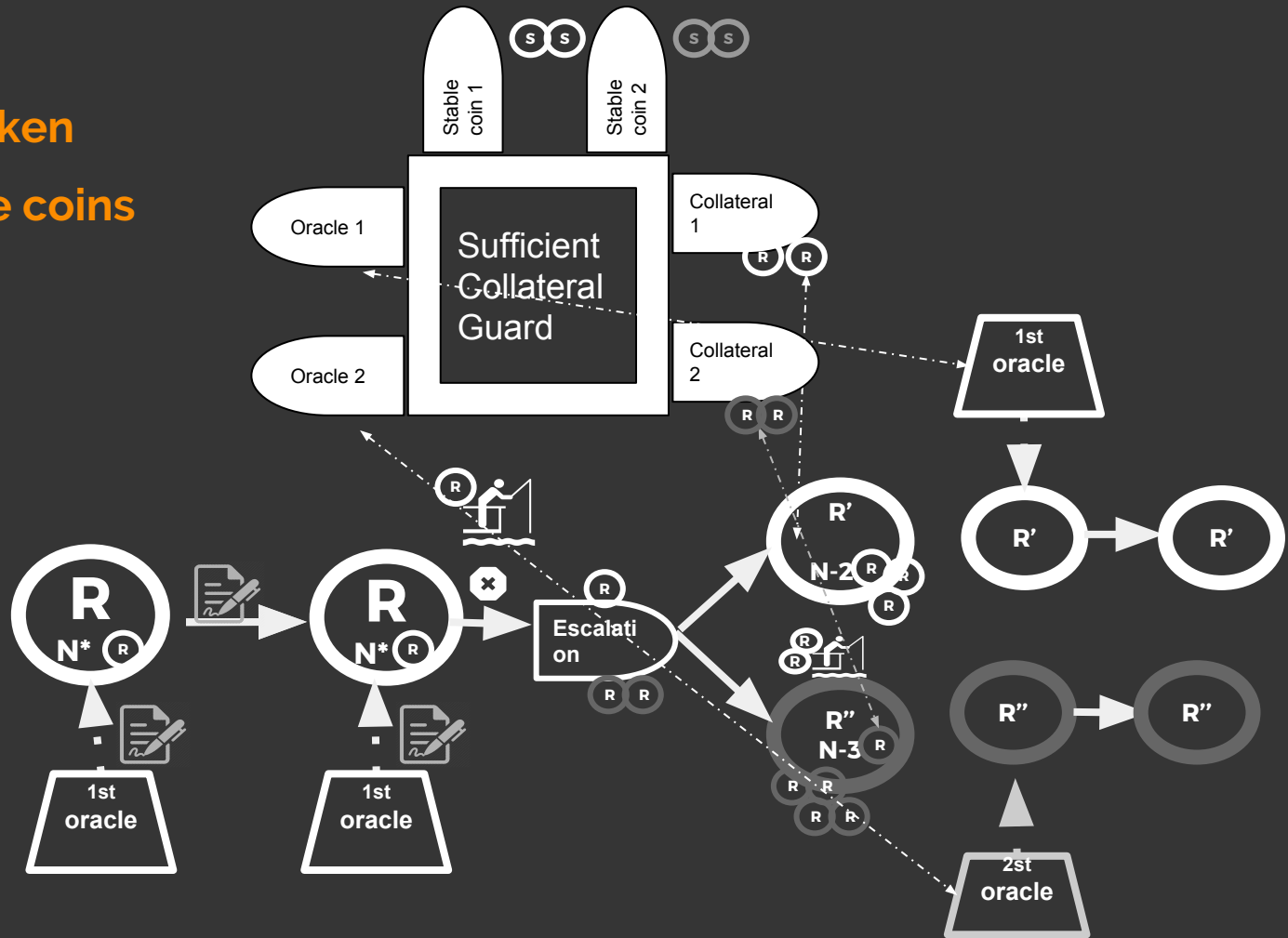
Global reality token, new judiciary for the internet based on subjetivocary

Reality Token And stable coins



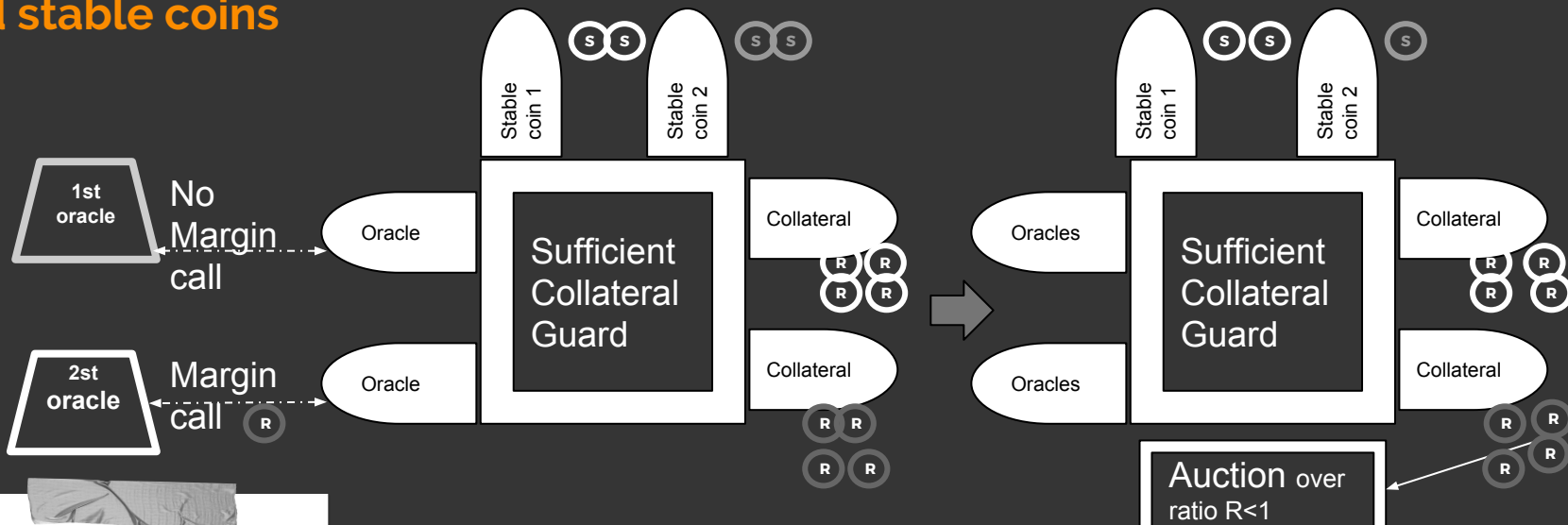
Reality Token And stable coins





Reality Token

And stable coins



Incentivising

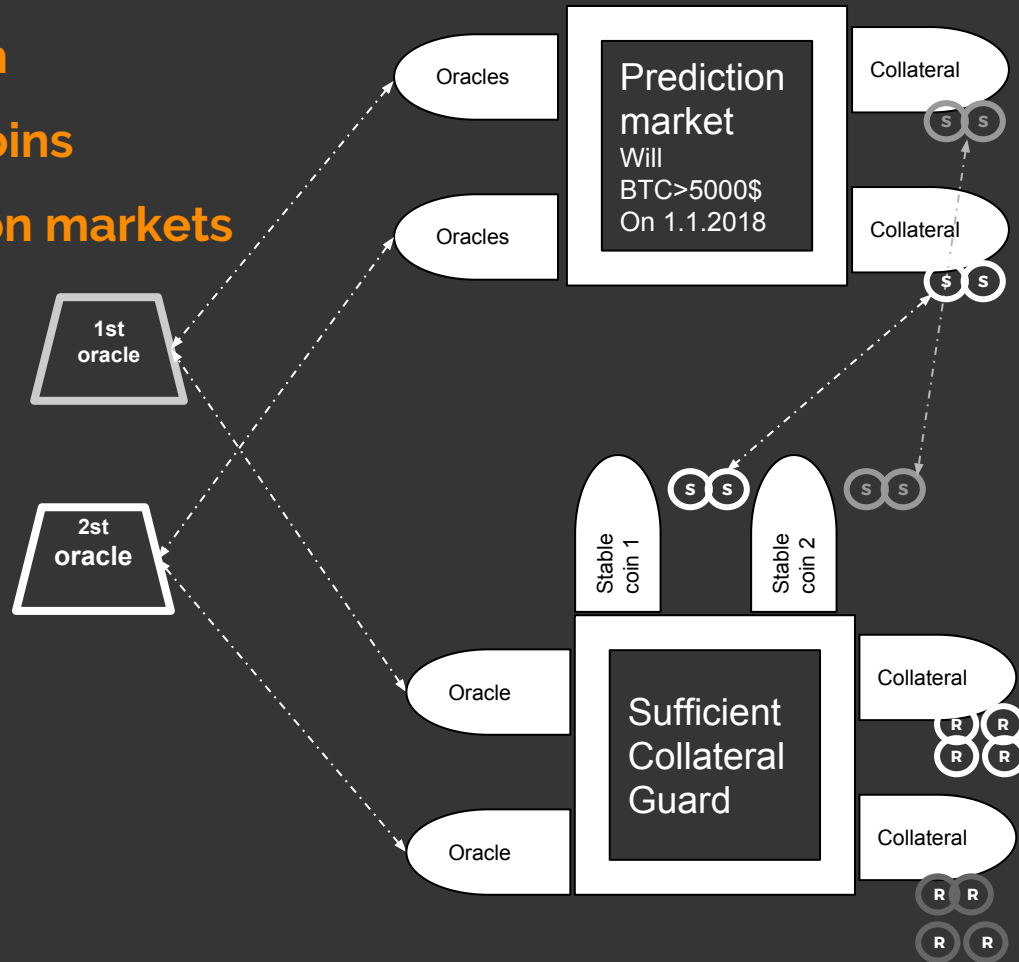
Collateral to Stable coin should have a higher ratio than 2:1, otherwise a margin call is triggered

	Input: Collateral	Output: Unbounded
Actor 1 Profit taker	(S)	(R) (R) + (R)
Actor 2, Margin Called	(R) (R)	(1-R) (R)

Reality Token

And stable coins

And prediction markets



User experience

Participation in Markets with stable coins.

Security assumptions

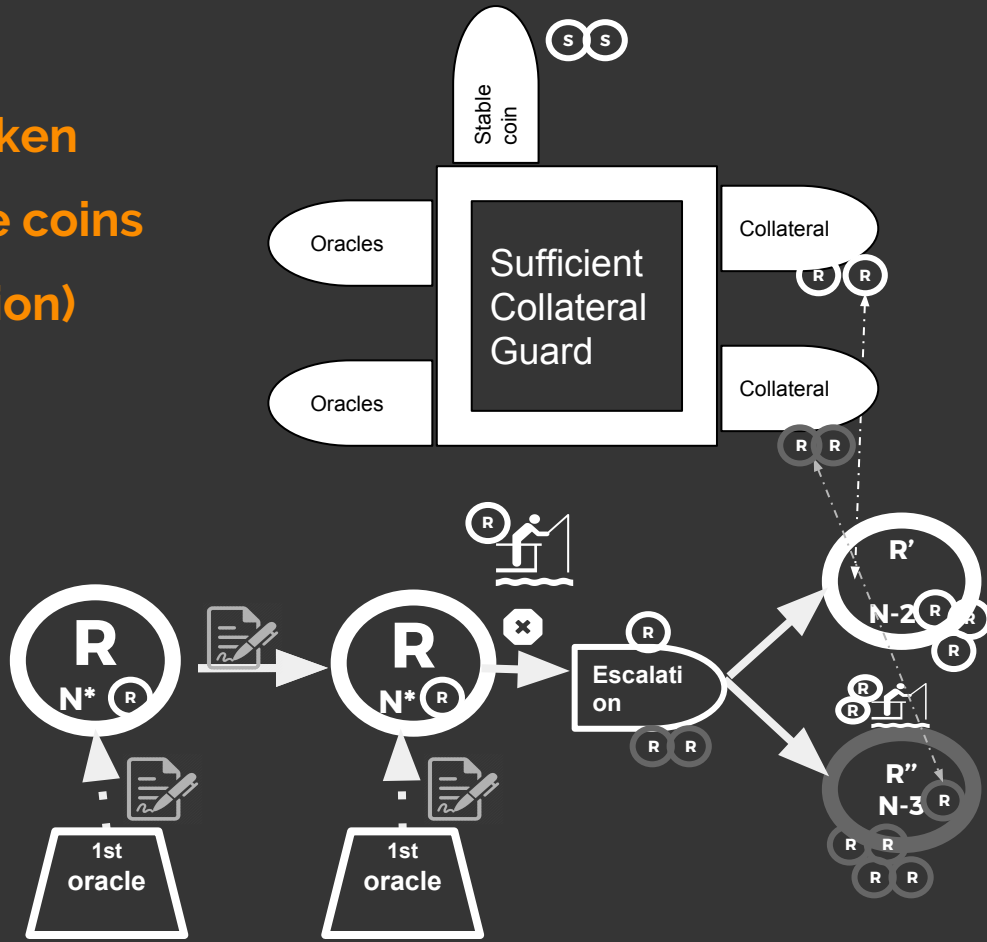
Reality will fork in case of manipulation

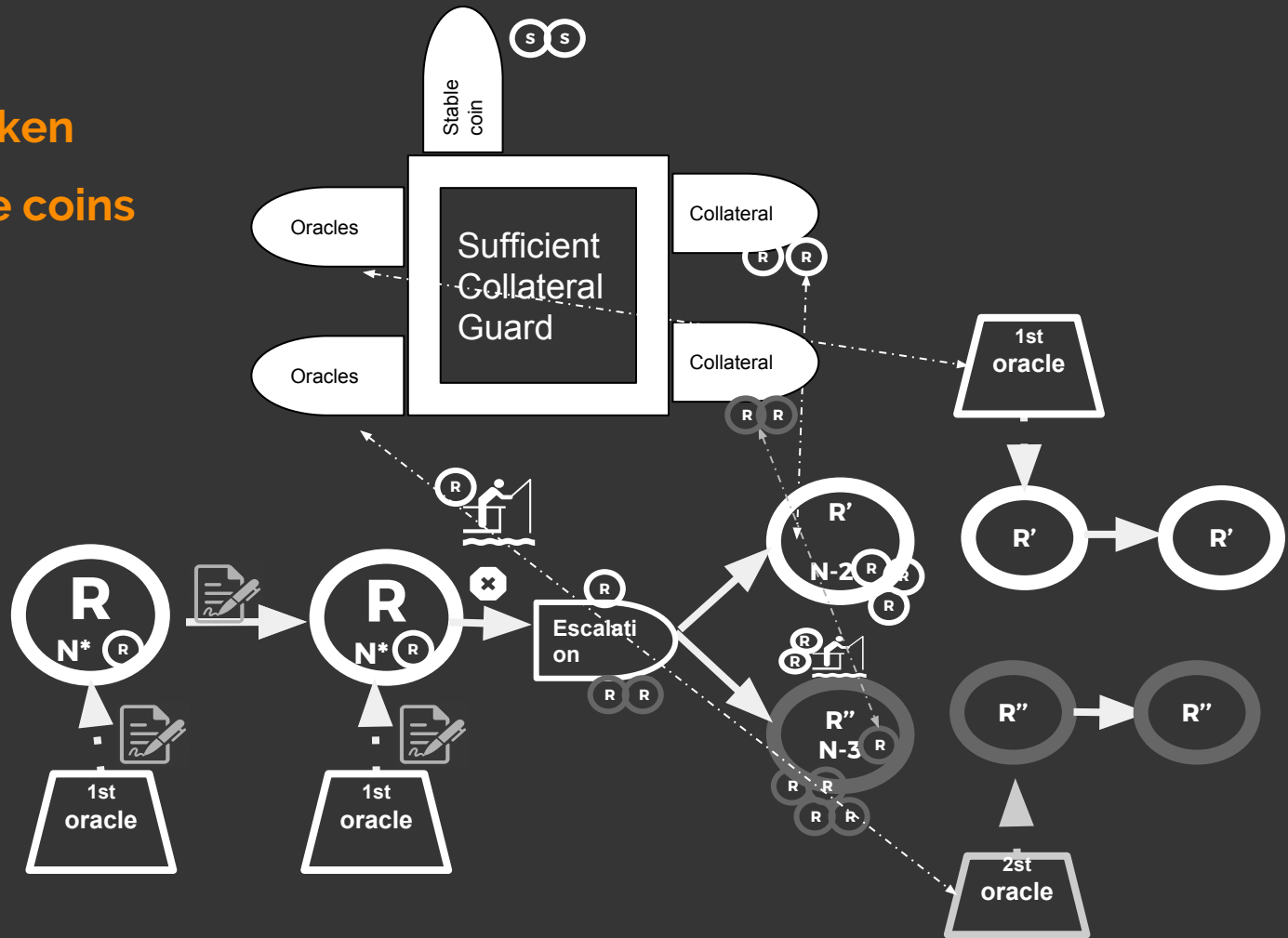
One Reality fork will continue to have value

Value Proposition:

RealityToken should be implemented as a DAO giving people the chance to lend out stable tokens and thereby earning money. Then RealityToken has a value in itself.

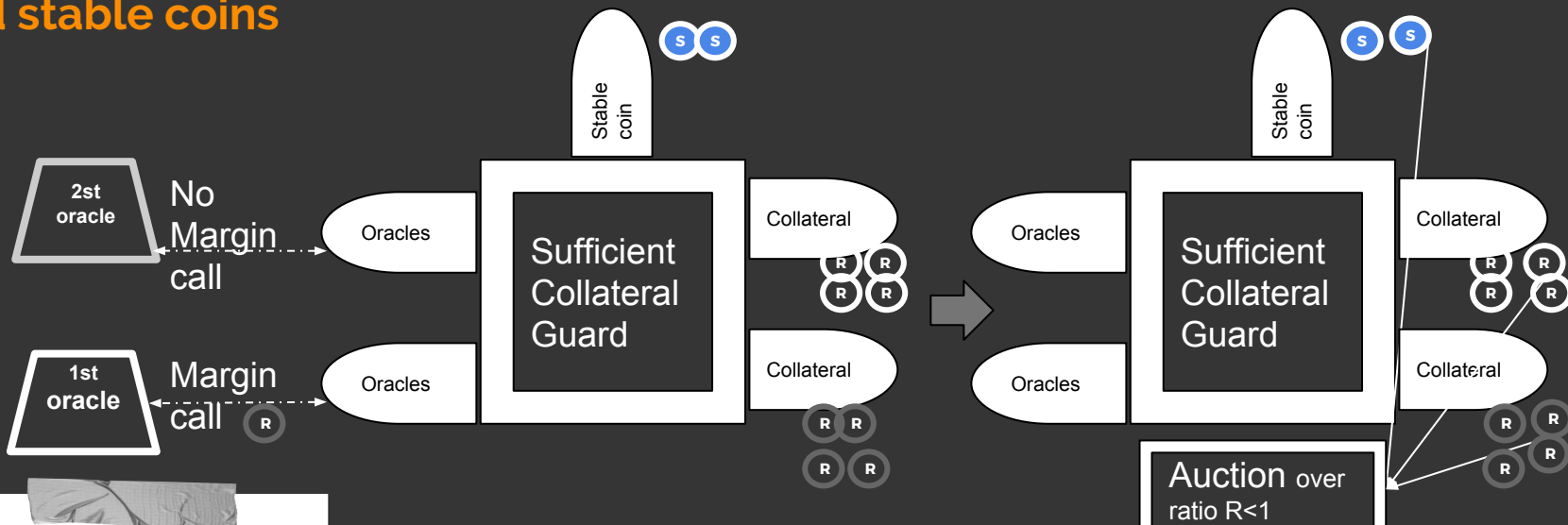
Reality Token
And stable coins
(other option)





Reality Token

And stable coins



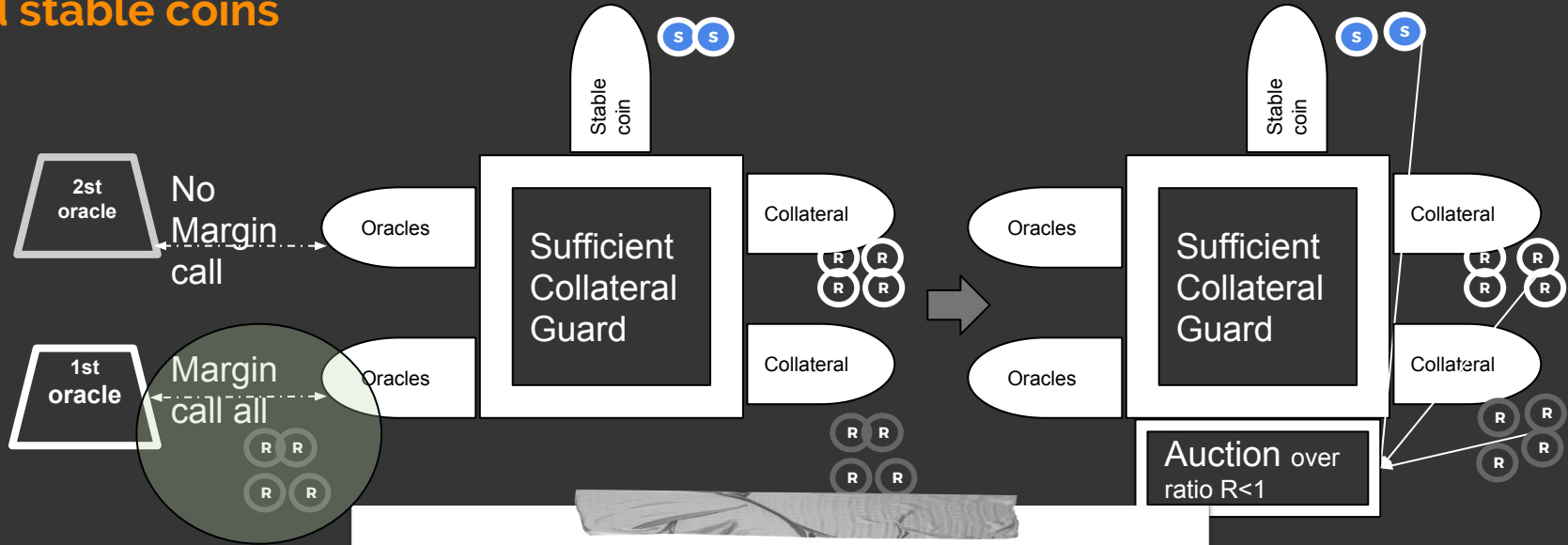
Incentivising

Collateral to Stable coin should have a higher ratio than 2:1, otherwise a margin call is triggered

	Input: Collateral	Output: Unbounded
Actor 1 Profit taker	$\text{R} \text{ R} \text{ S}$	$(\text{R}) \text{ R} + \text{R} \text{ R}$
Actor 2, Margin Called	$\text{R} \text{ R}$	$(1-\text{R}) \text{ R}$

Reality Token

And stable coins



Margin call over all Reality Token in one Fork

In this case, not enough people from the non-liquidated fork might be willing to liquidate.

Then there will be just a payout of forked liquidated collateral to stable coin holders and the stable coin live on with collateral of only one Reality Token fork.

Oracle solutions:

1. Ultimate Oracle + Ethereum hardfork
2. Reality Tokens
3. **Oracle cages**
4. ERC20 unions