

# Cultures of Contribution:

How contributions flow &  
what it means to be a contributor



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[github.com/decause/decks/ato-decause-2020](https://github.com/decause/decks/ato-decause-2020)



# **Contribution Flow?**

**What it means to  
be a contributor?**

# Contribution Flow?

What it means to  
be a contributor?

# **Contribution**

**Voluntary**

**For a purpose**

**Solves a problem**

**Doesn't waste time or resources**

# **Contribution**

**Voluntary**

Self Selection

Choice v.s. Force

# Contribution

**For a purpose**

"scratch your own itch"

Work for hire

Learning and Exploration?

# Contribution

## **Doesn't waste time or resources**

Communities are systems with finite energy

If a contribution doesn't 'persist' or cannot 'land'  
energy will find another path.

***Law of Conservation of Energy Effort***

# Contribution

effort = energy over time

art and science

effort is governed by principles

# Principle of Least Action

***"Lazy Like a Fox."***

Least Effort

Least Time

Best Quality

Least Risk

# Principle of Least Action

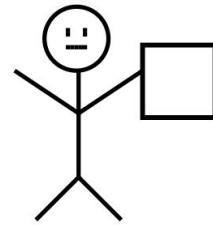
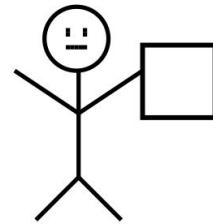
*"Lazy Like a Fox."*

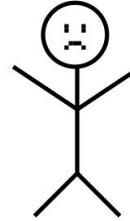
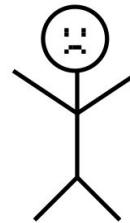
**Path of Least Resistance**

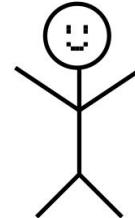
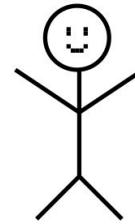
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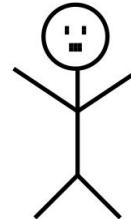
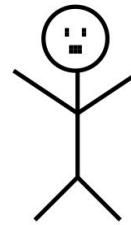
**Principle of Least Effort**

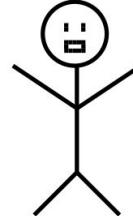
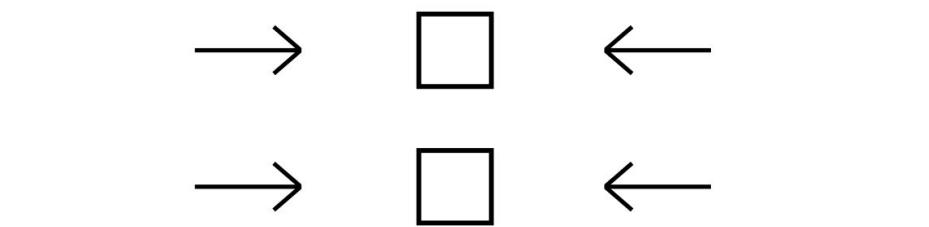
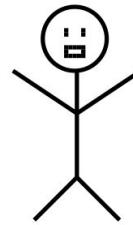
[https://en.wikipedia.org/wiki/Principle\\_of\\_least\\_effort](https://en.wikipedia.org/wiki/Principle_of_least_effort)

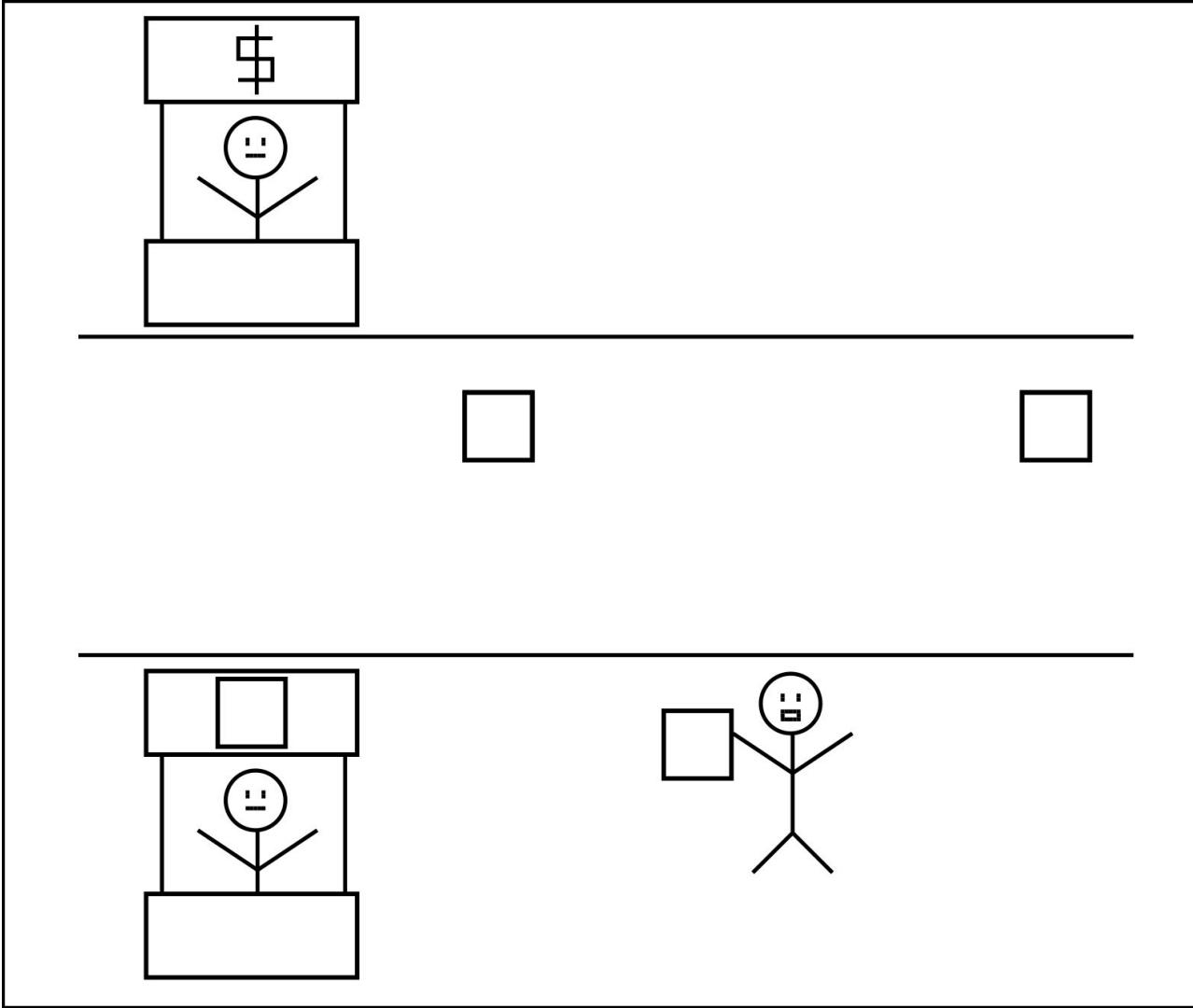


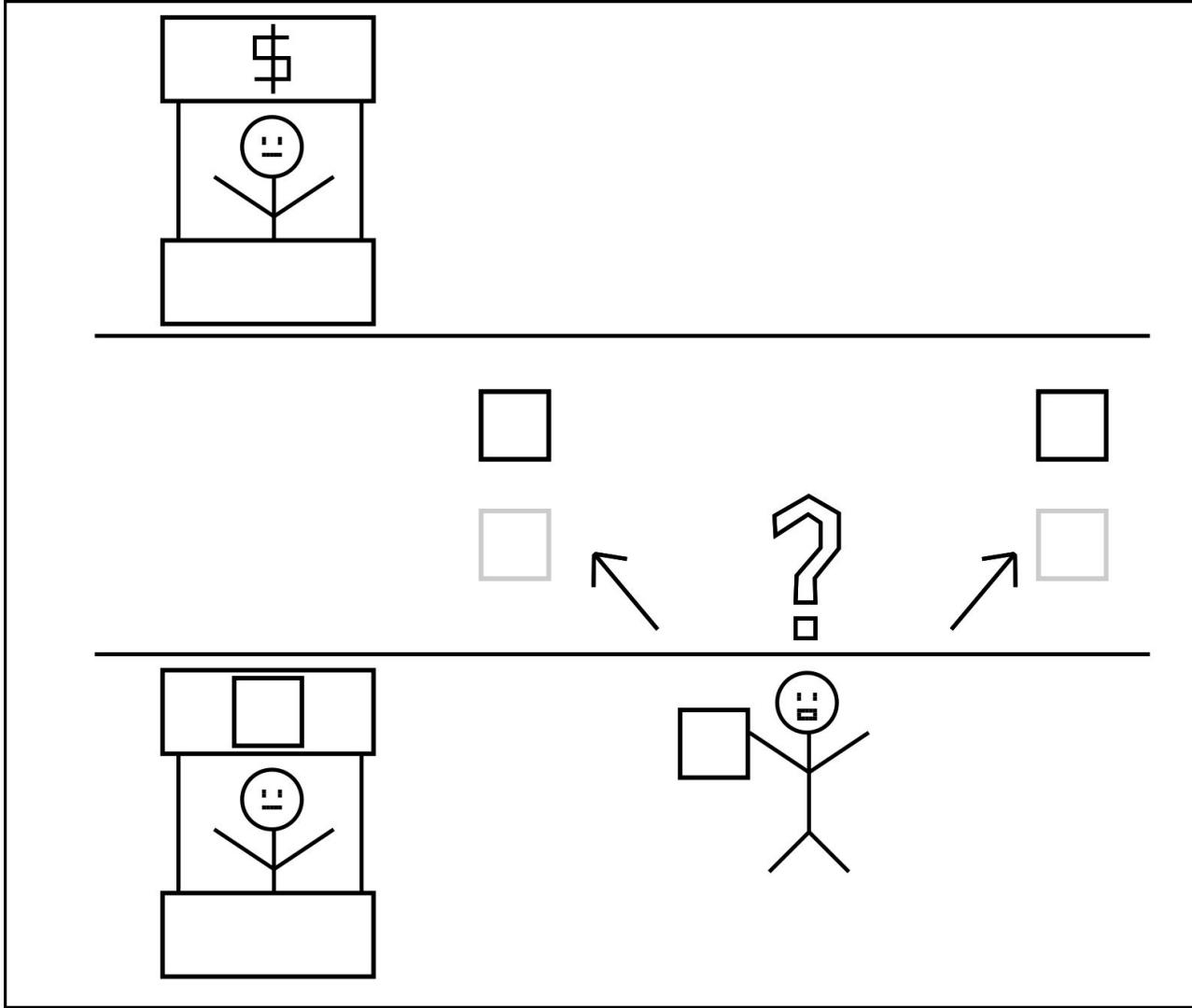


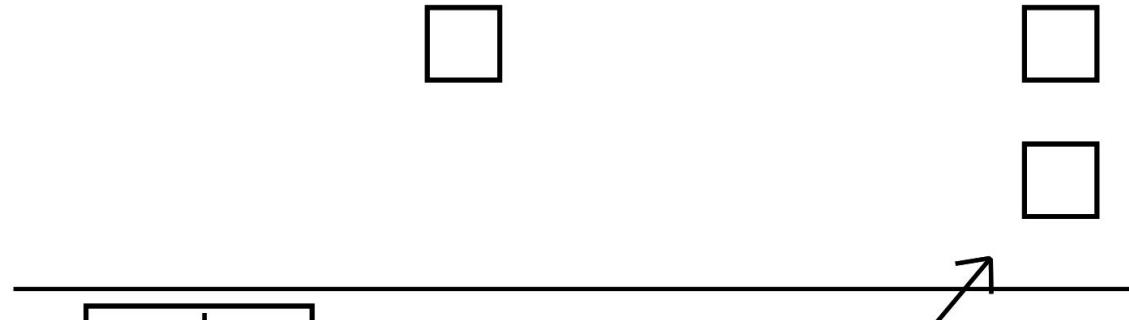


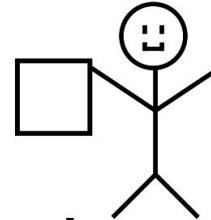
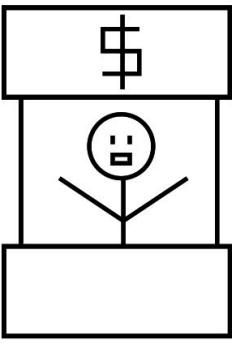




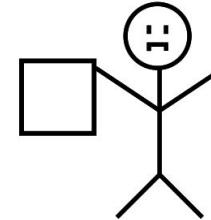




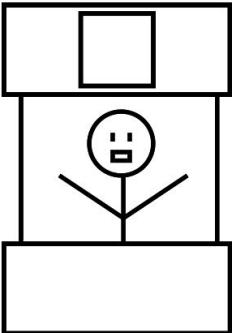


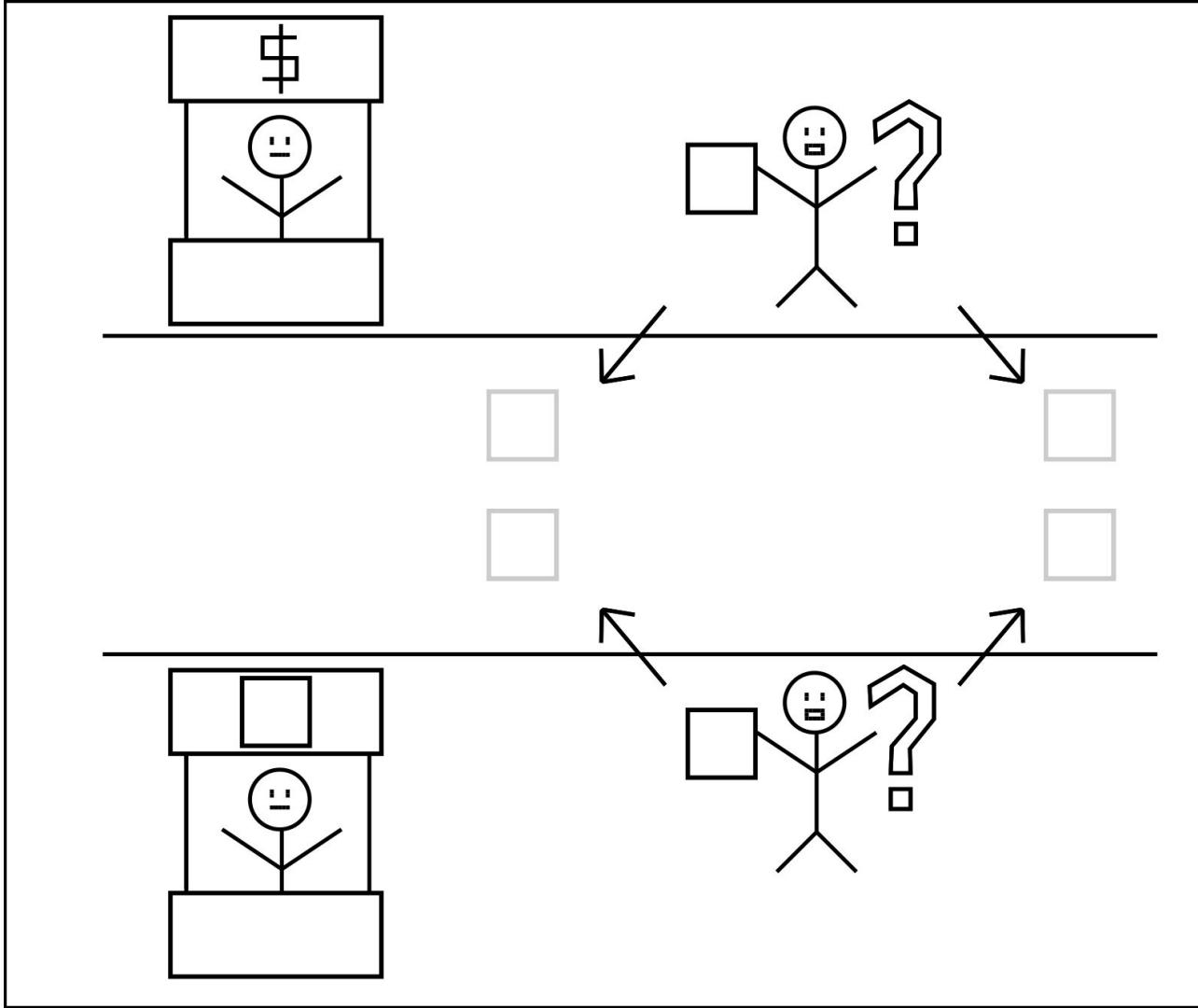


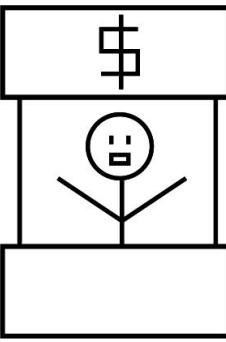
Less



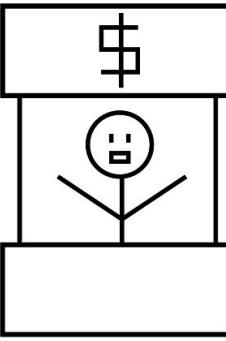
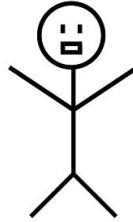
More



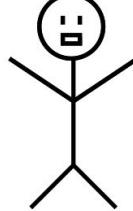




Less!



Less!



# Contribution Flow?

**What it means to  
be a contributor?**

# Pareto Principle

[https://en.wikipedia.org/wiki/Pareto\\_principle](https://en.wikipedia.org/wiki/Pareto_principle)

## *"The 80/20 Rule"*

"roughly 80% of consequences from 20% of causes"

"80% of the code only takes only 20% of your time!  
...the hardest 20% of code takes 80% of the time..."

"~80% of contributions from 20% of Contributors"

# How do you find the 20% core???

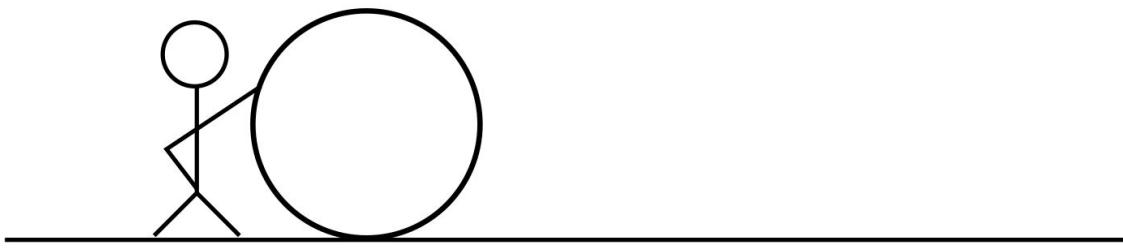
"~80% of contributions from 20% of Contributors"

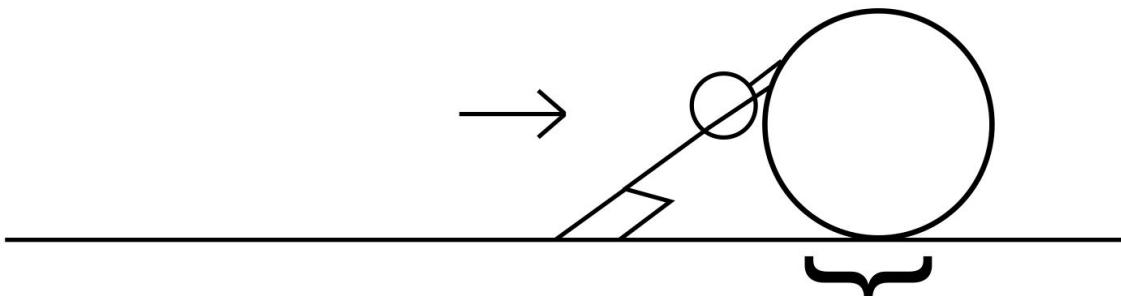
# How do you find the 20% core???

Reduce Friction

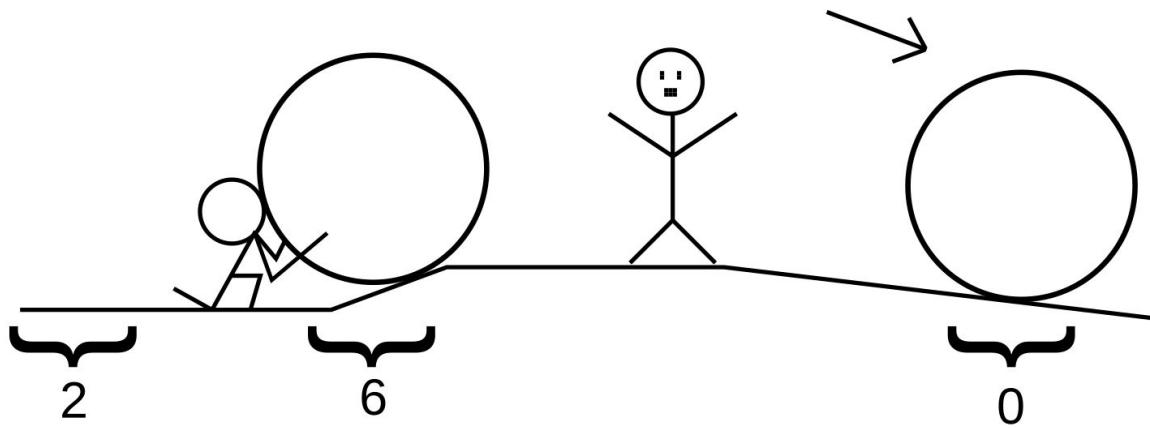
Reduce Ambiguity

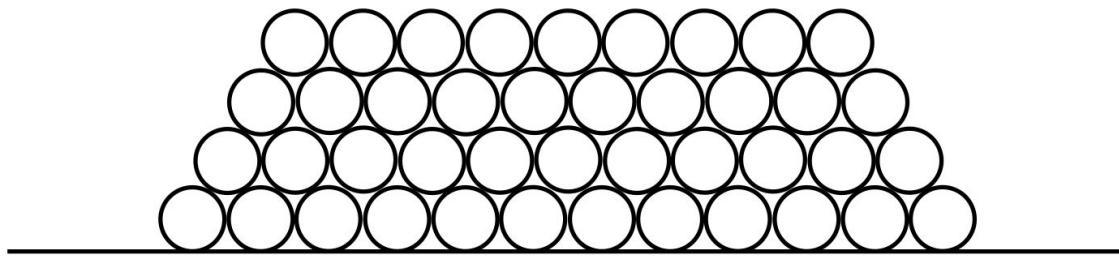
Reduce Uncertainty

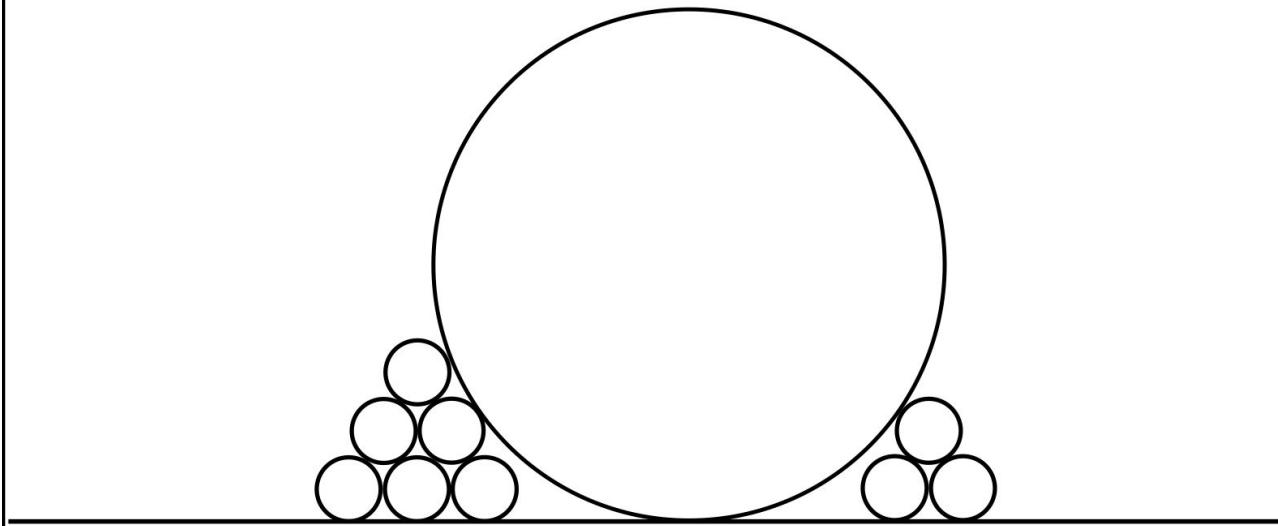


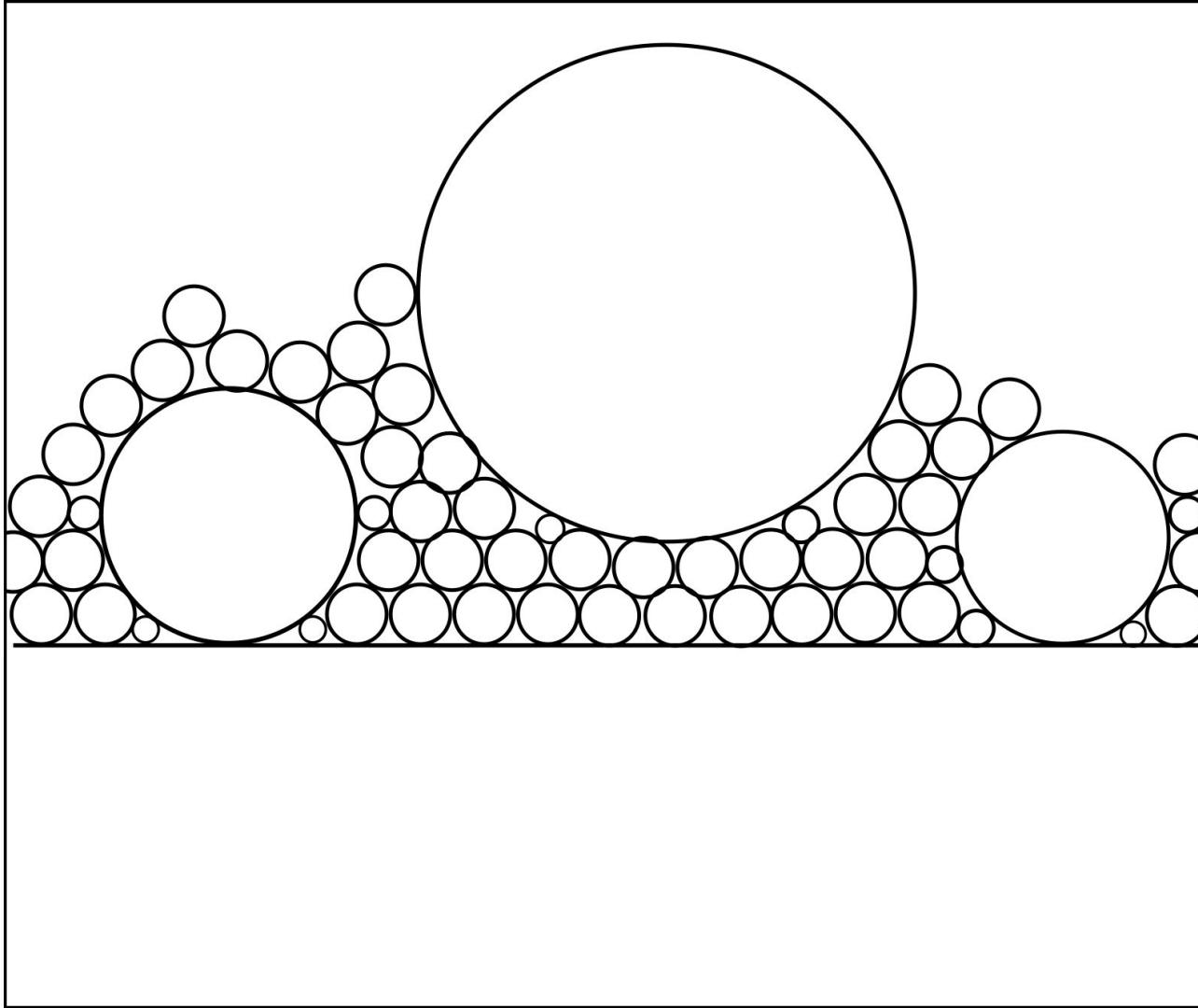


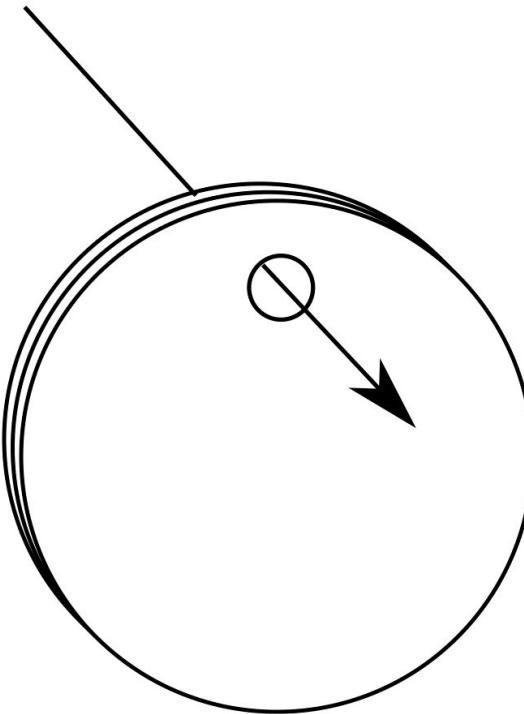
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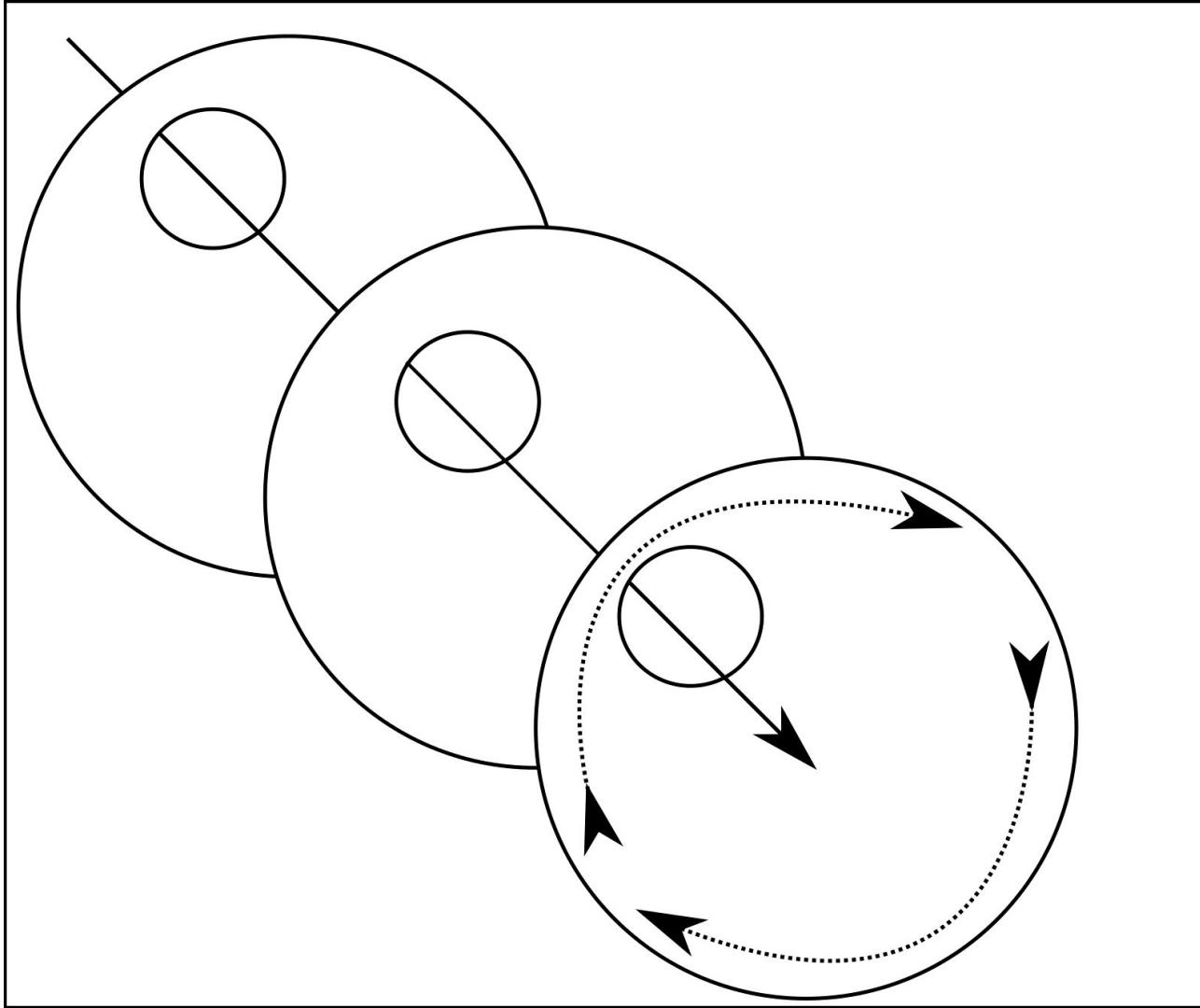


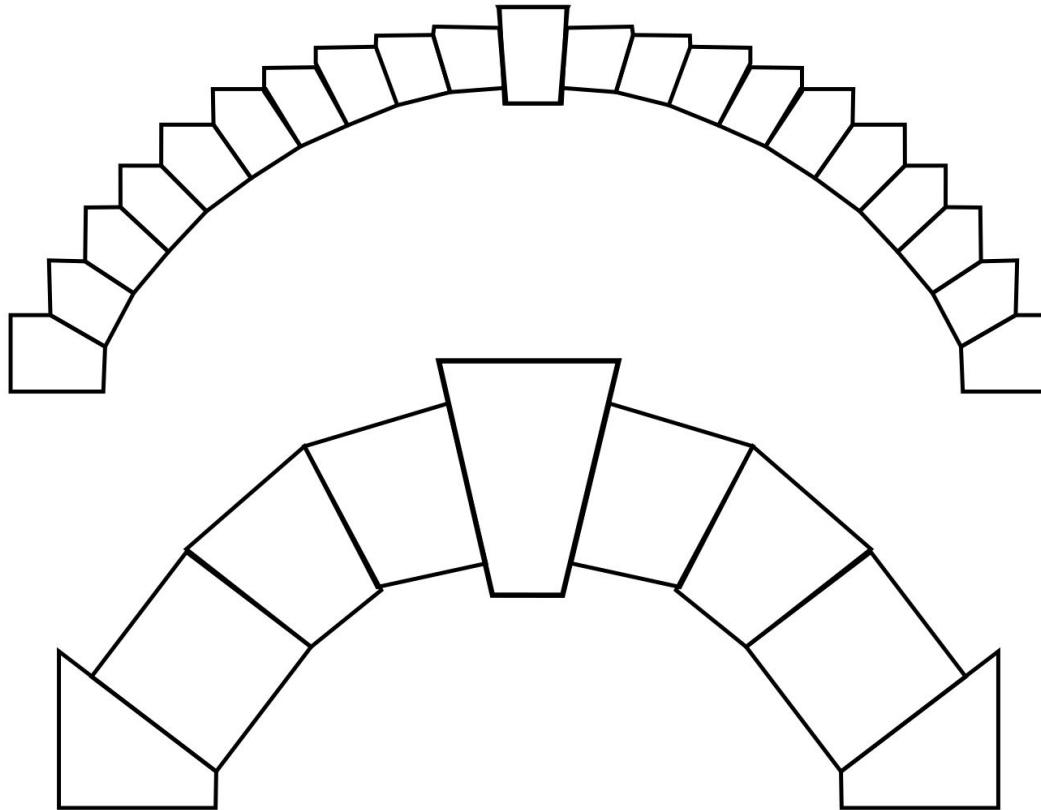




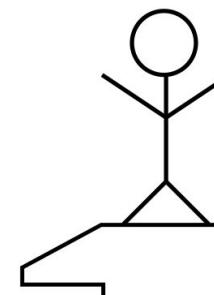
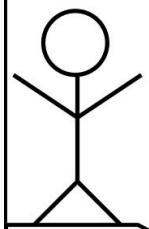


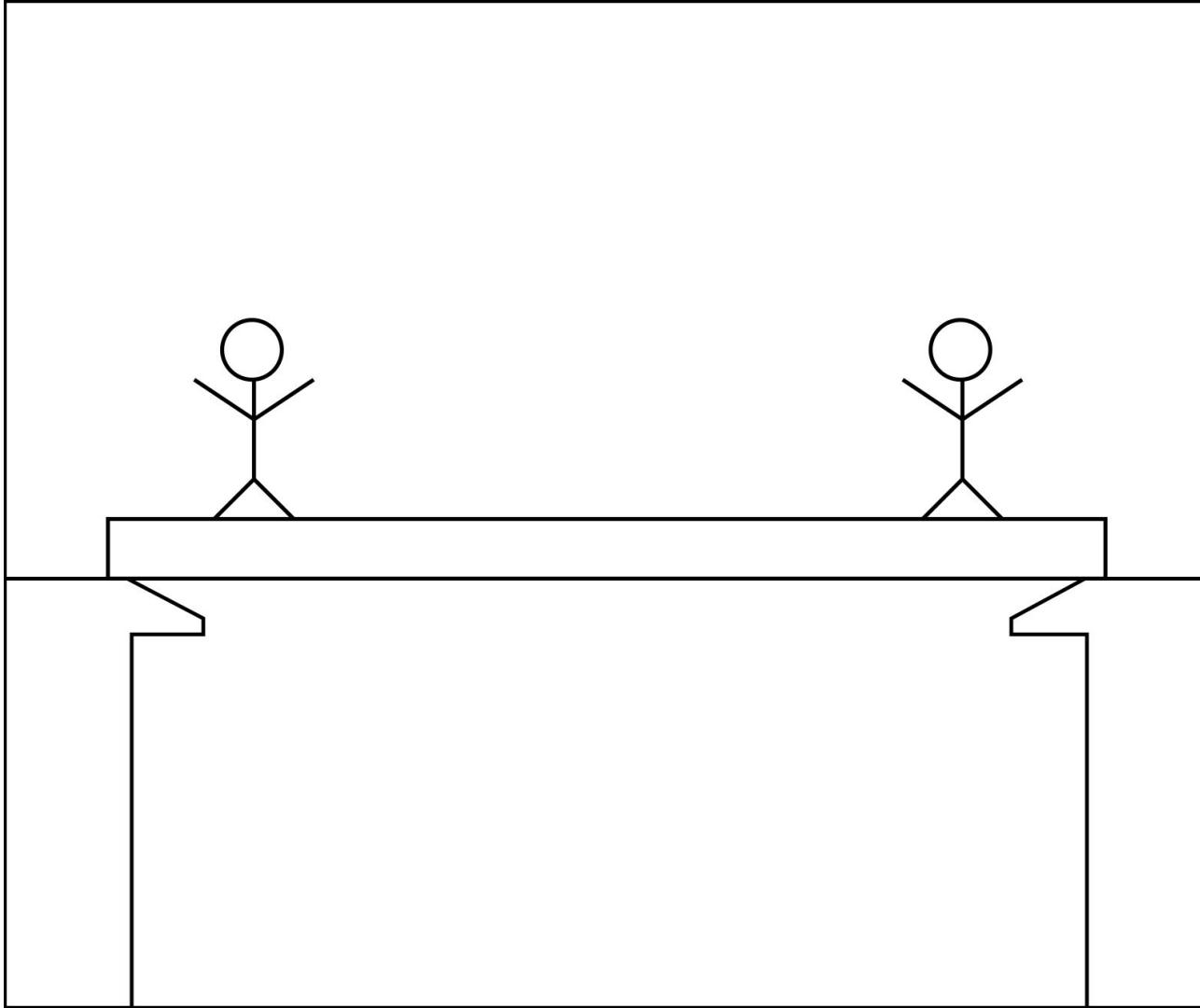


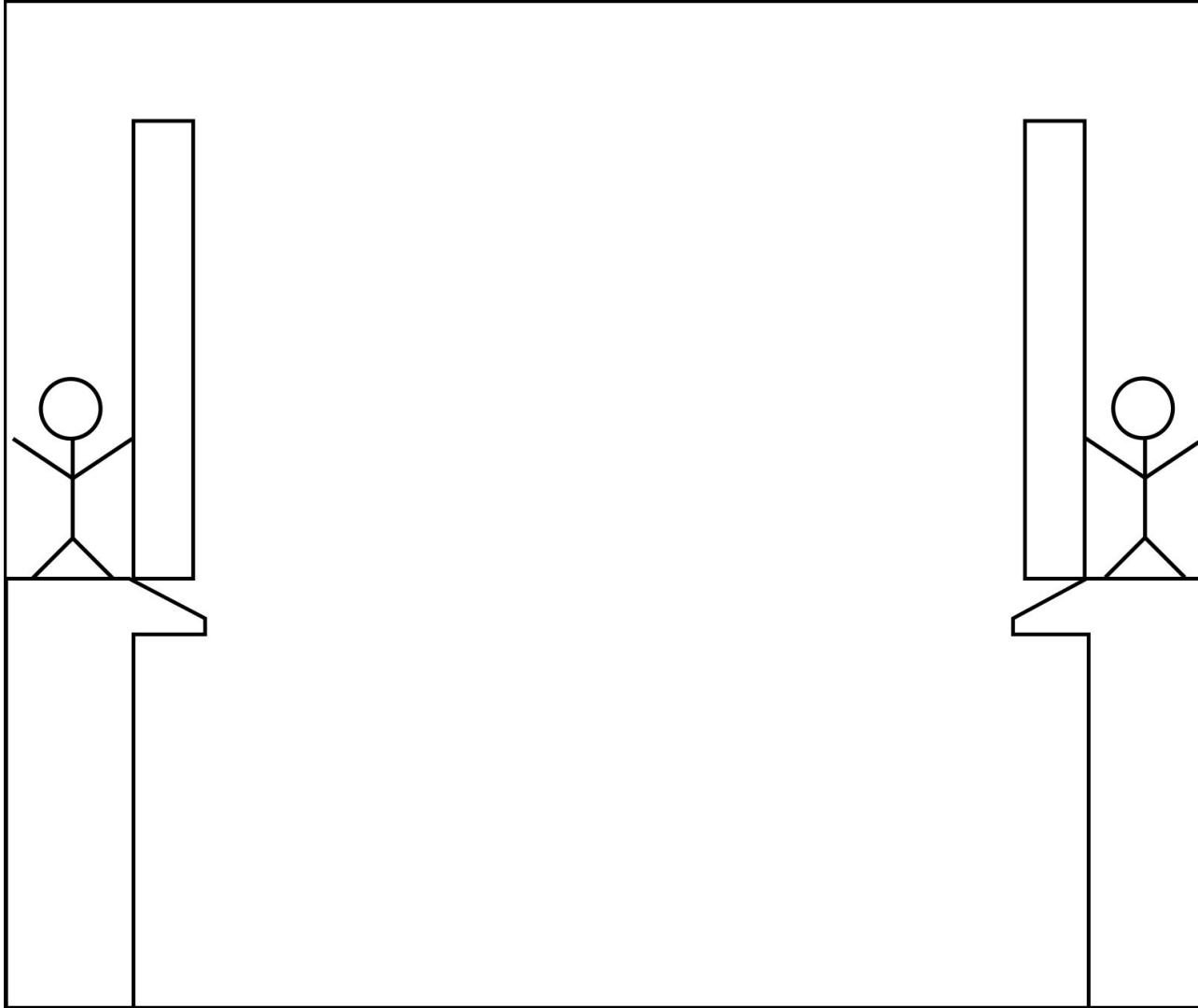


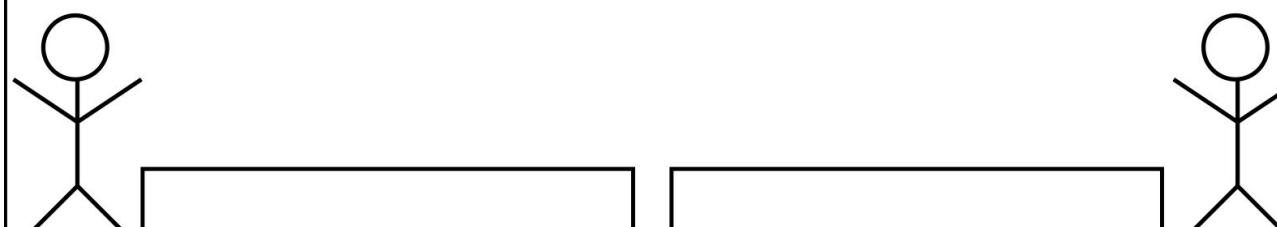


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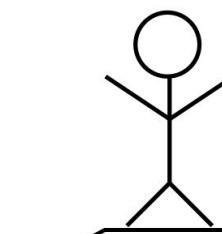
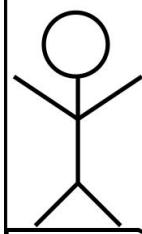


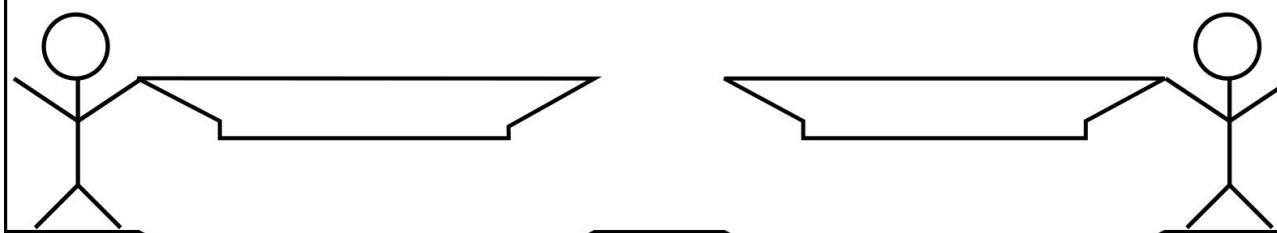


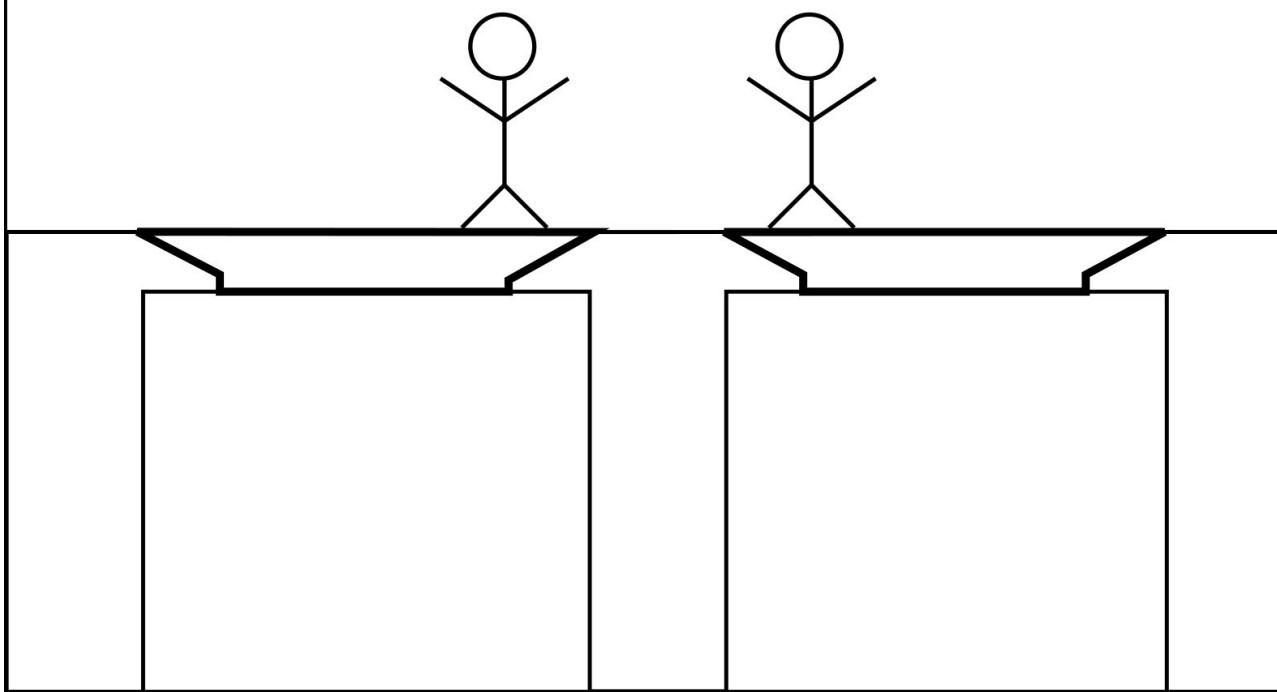












# Culture of Contribution

Planning in the Open

Adhering to Open Standards

Release Engineering Best Practices

Mutually assured progress

Aligned purpose

Become the path of least resistance

# Culture of Capture

Information Asymmetry

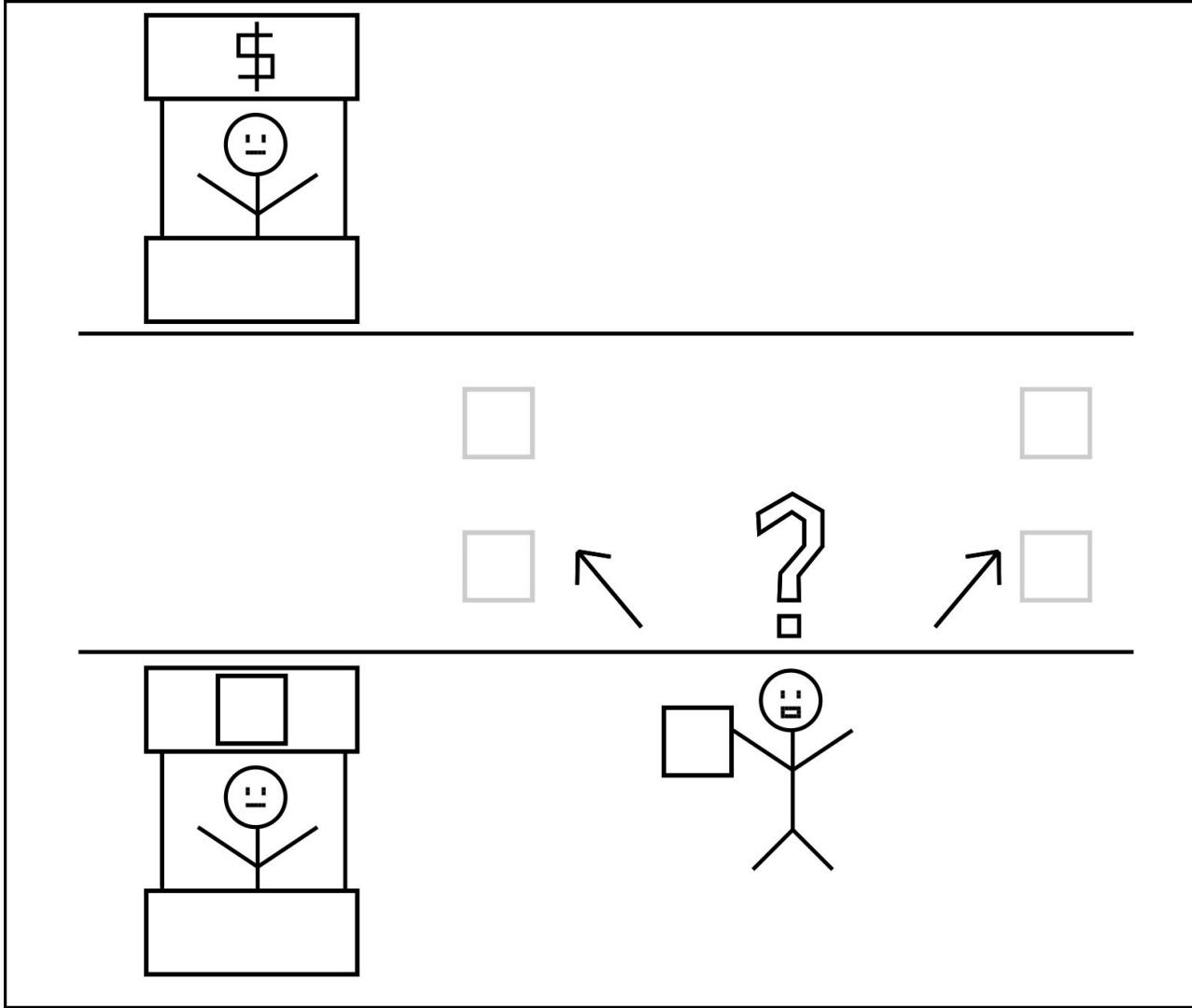
Vendor/Proprietary Lock-in

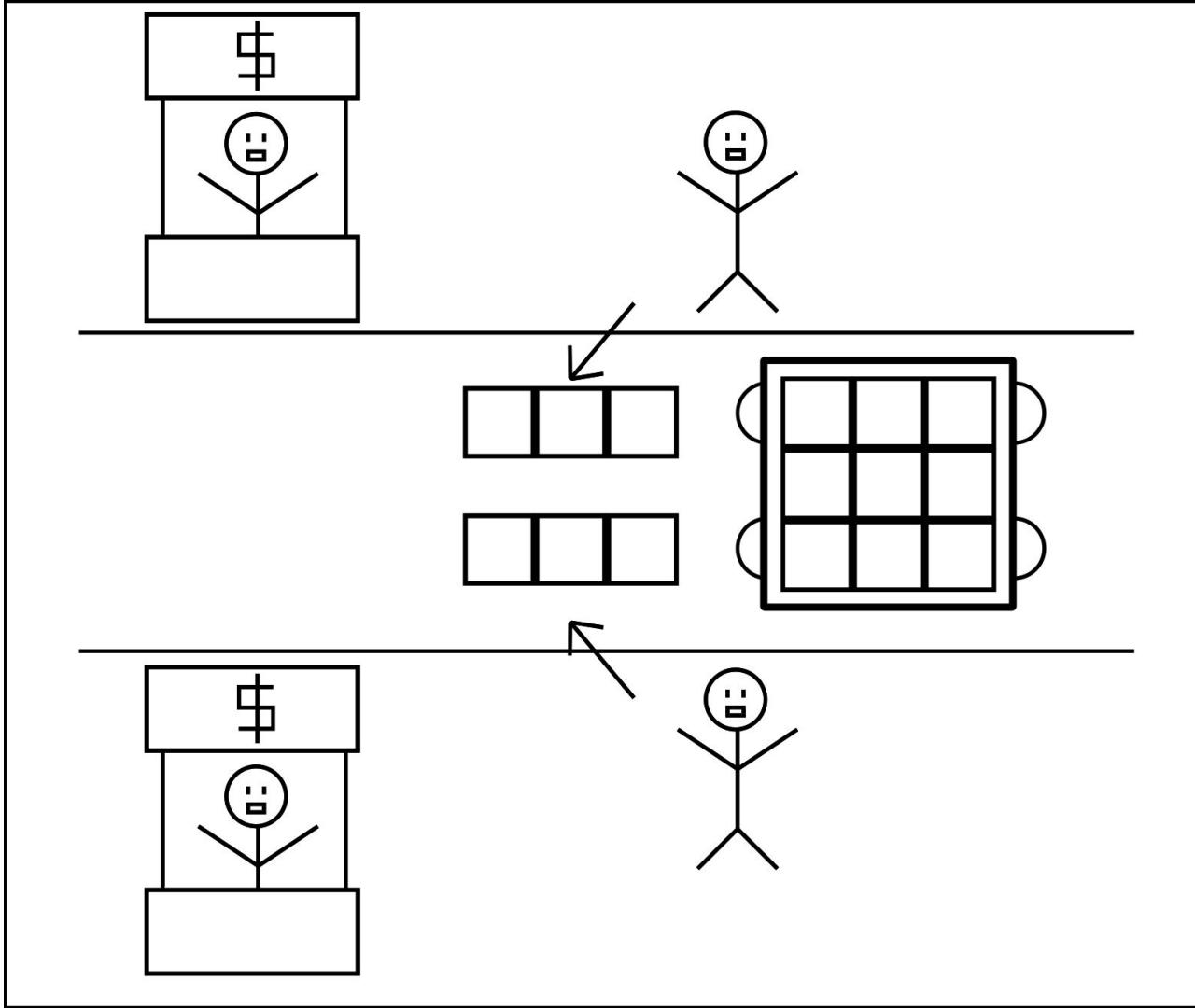
Bottlenecks and Gatekeeping

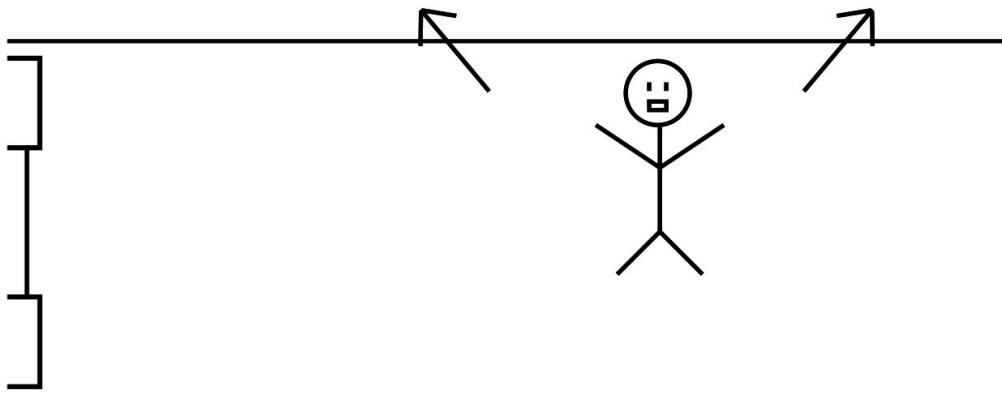
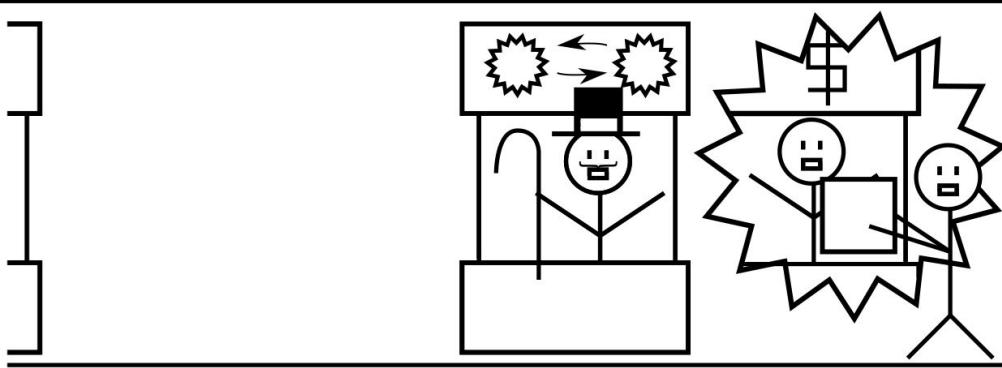
Mutually assured destruction

Manufactured Obsolescence

Create Path of Most Resistance







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what it means to be a contributor



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