

SYSTEM-GENERATED REQUESTS FOR REWRITING PROPOSALS

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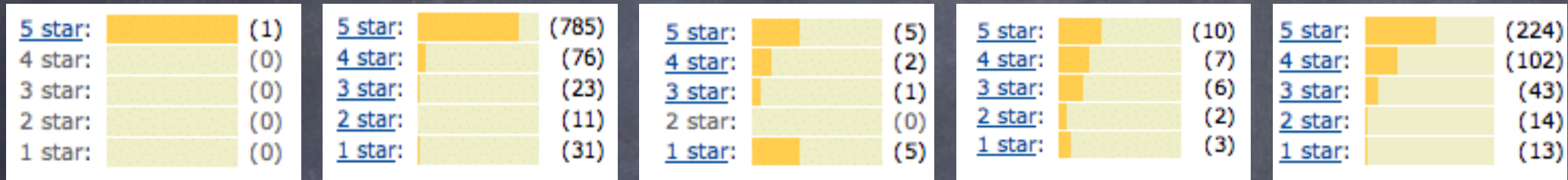
“Memorial”, Malyi Karenyi per. 12, Moscow 127051, Russia,
PoliTech Institute, 67 Saint Bernard St., Brussels 1060, Belgium

Feedback type

Site	Dimensions	Form	Result
Facebook / Google	Boolean	Like +1	Number of like
YouTube	Boolean ²	-1/+1 Dislike/Like	% of like vs dislike
Amazon / Ok Cupid	1D (discreet)	5 stars	Spectrum

What are we measuring?

Amazon Feedback Spectrum



Harry Potter and the Philosopher's Stone (Book 1)

Electronic Government Proceedings of the 5th
International Conference EGOV 2006 Krakow Poland

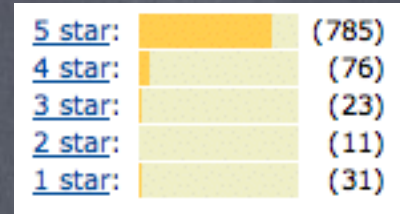
The adventures of Tom Sawyer

The NASA Conspiracies The Truth Behind the Moon
Landings Censored Photos and The Face on Mars

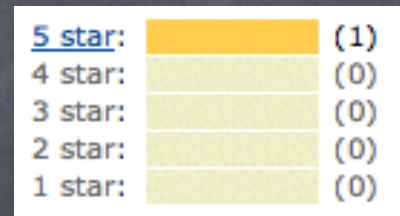
HCSB Drill Bible (Small Edition, Burgundy Hardcover)

Amazon Feedback Spectrum

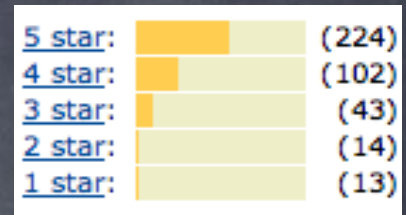
Harry Potter and the Philosopher's Stone (Book 1)



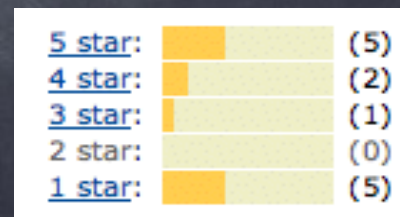
Electronic Government Proceedings of the 5th International Conference EGOV 2006 Krakow Poland



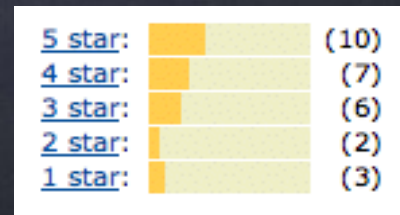
The adventures of Tom Sawyer



The NASA Conspiracies The Truth Behind the Moon Landings Censored Photos and The Face on Mars



HCSB Drill Bible (Small Edition, Burgundy Hardcover)



What are we measuring?

- Popularity?
- How much do we agree with?
- How well has it been explained?
- Beauty?
 - It is context dependent, but generally it can be all of the above mixed up.
 - It is a BIG mess!
 - User friendly, but hard to evaluate the results

Adding a dimension

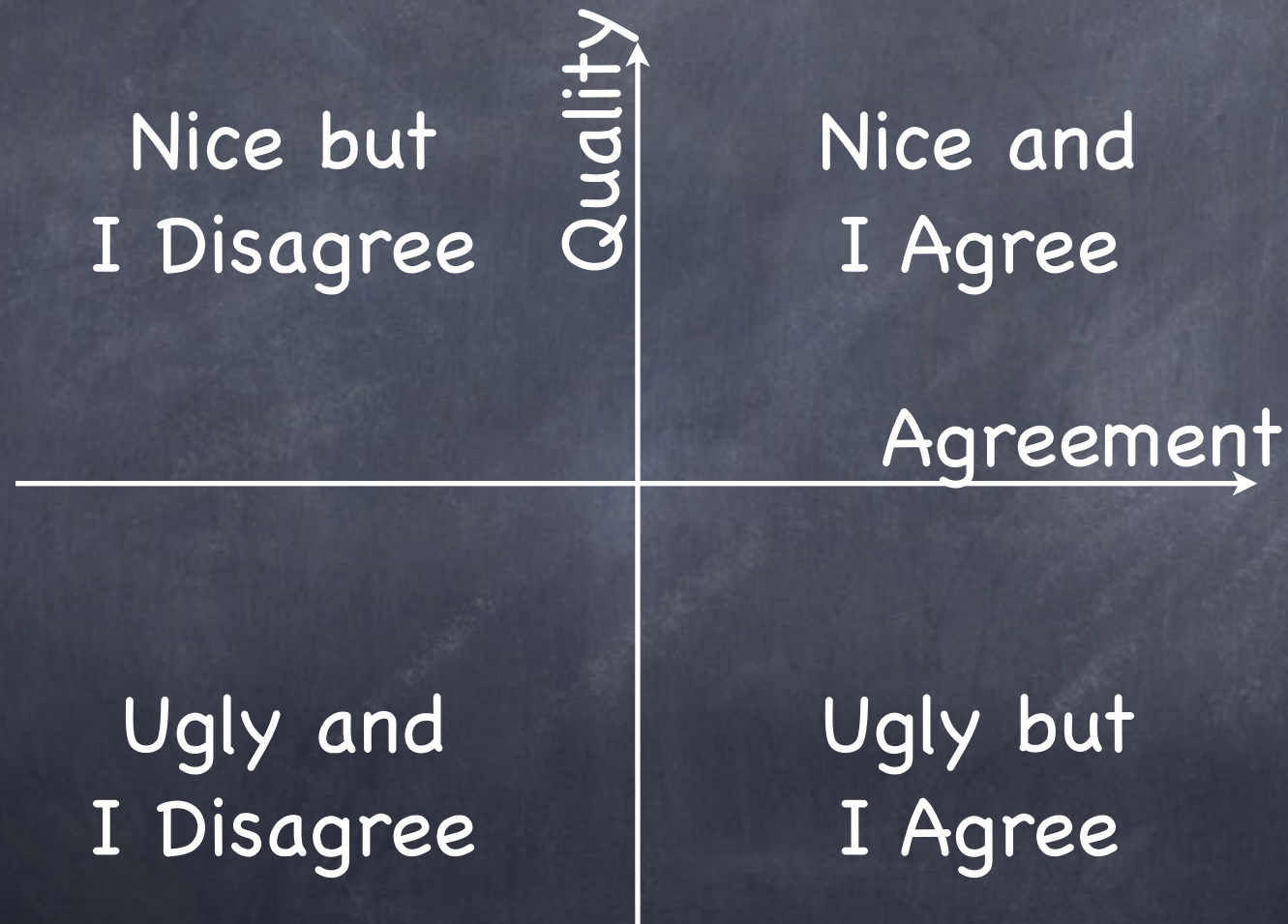
Quality



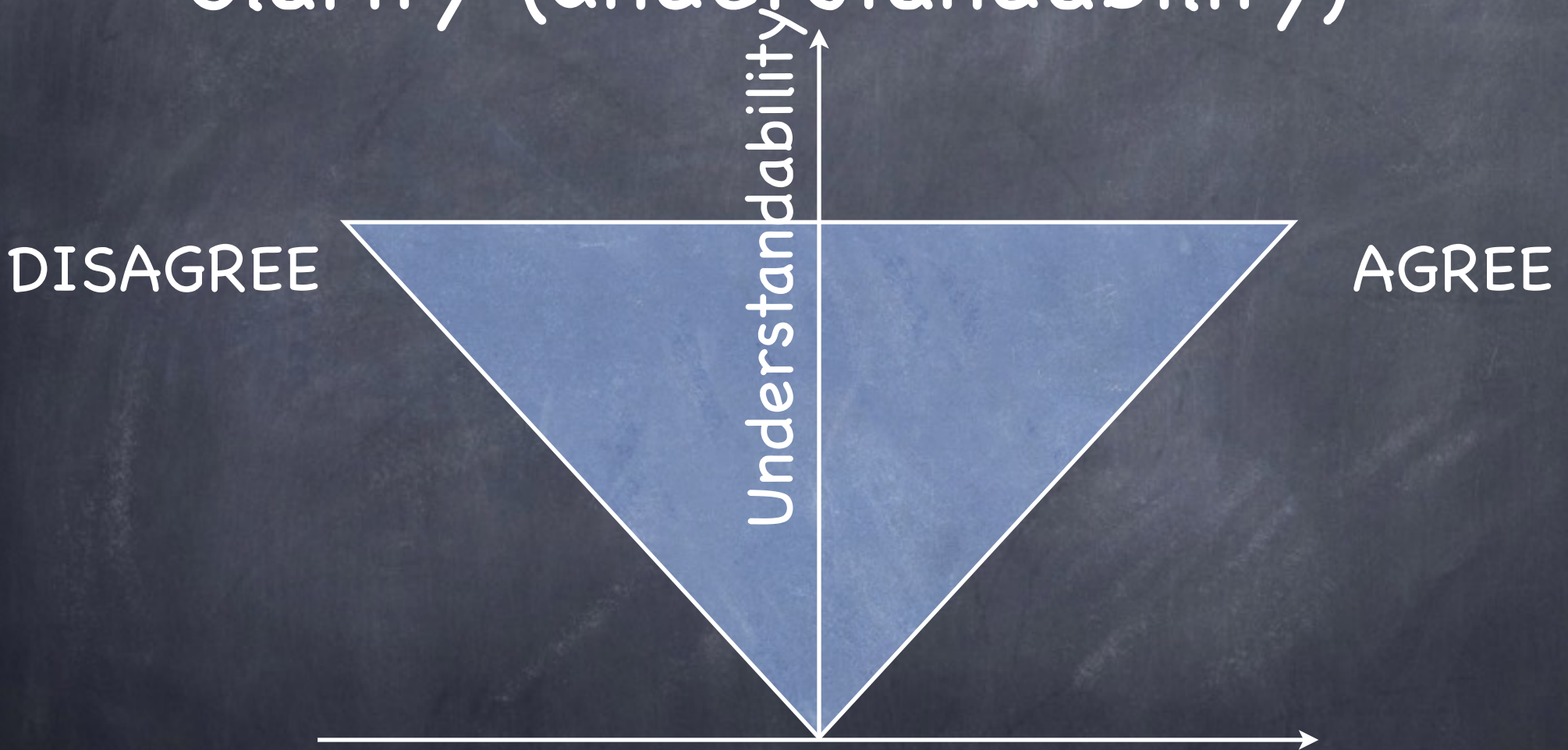
Agreement



This creates four quadrants

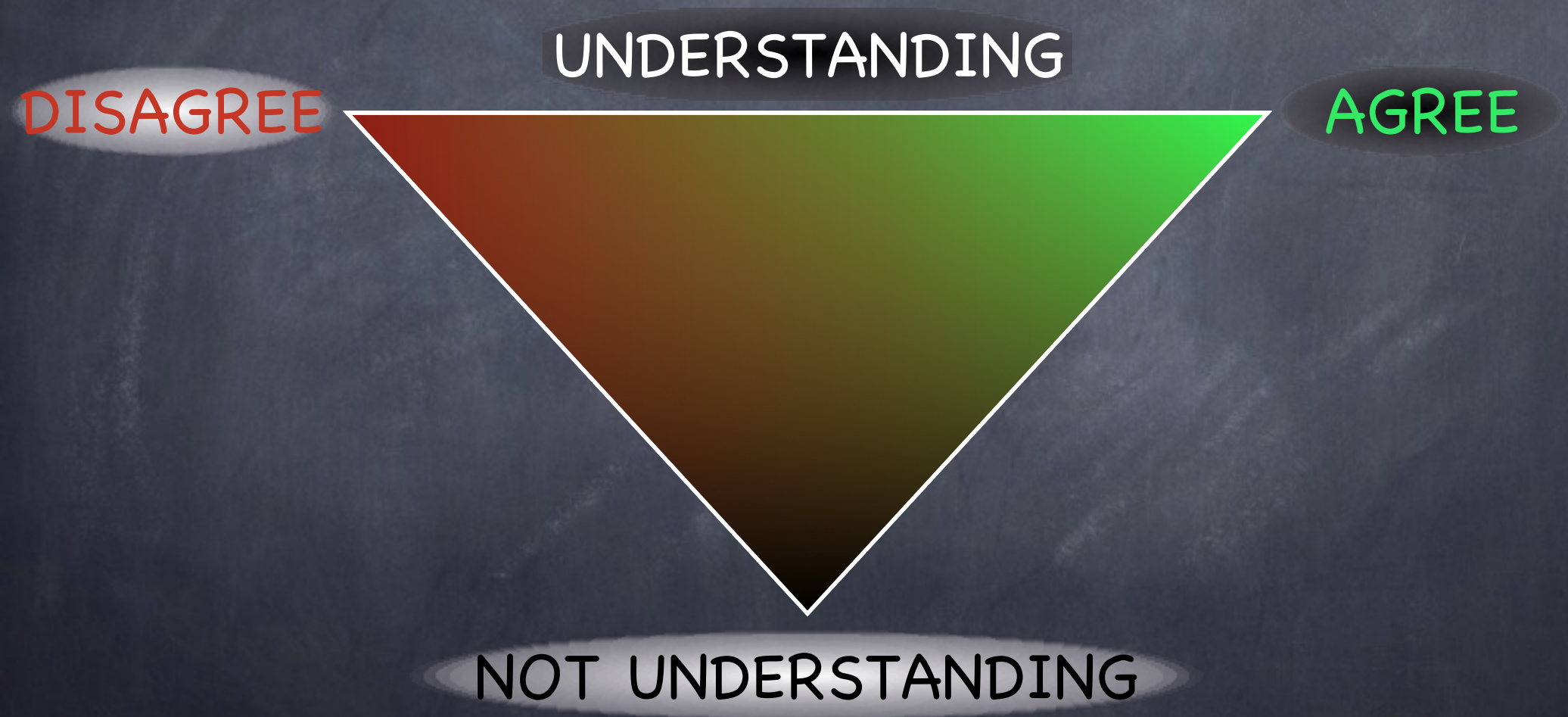


From Niceness to Clarity (understandability)

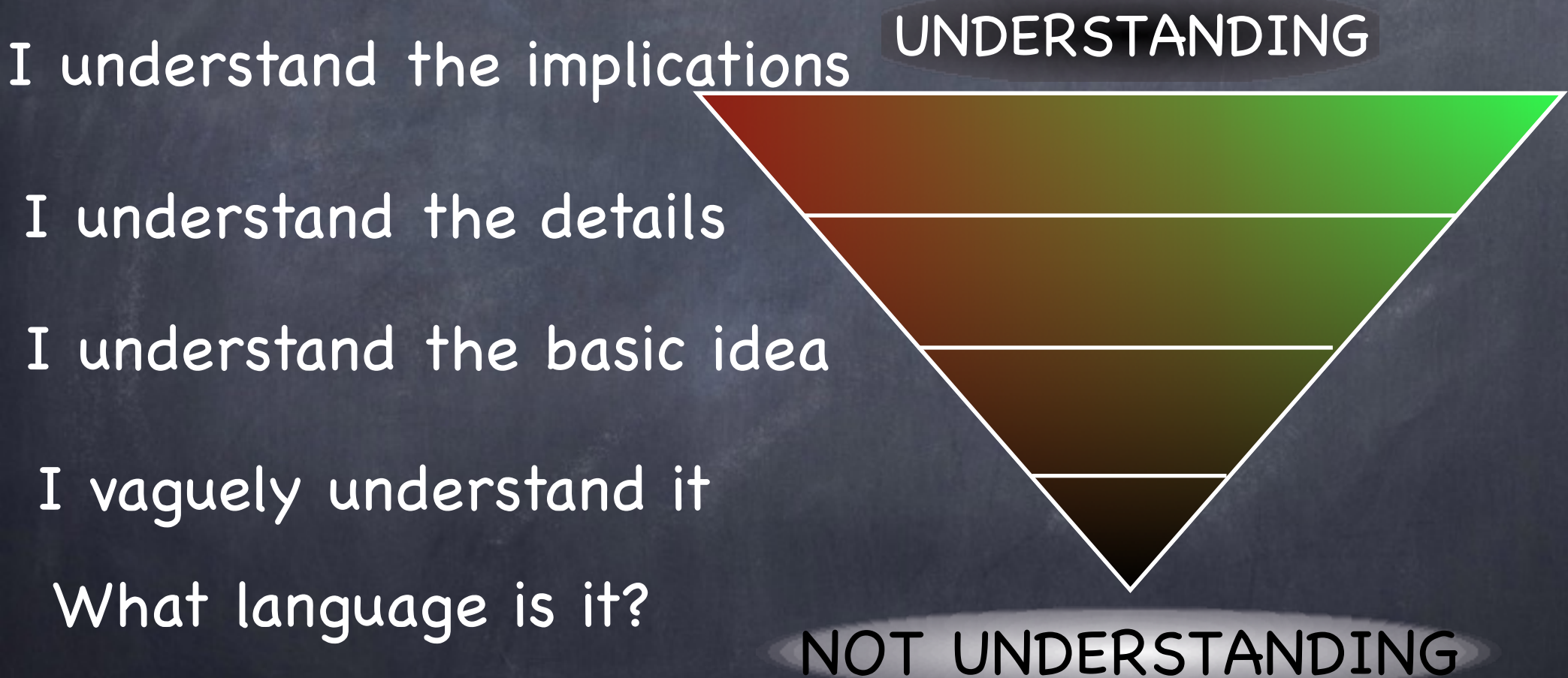


He who cannot understand something
cannot judge it

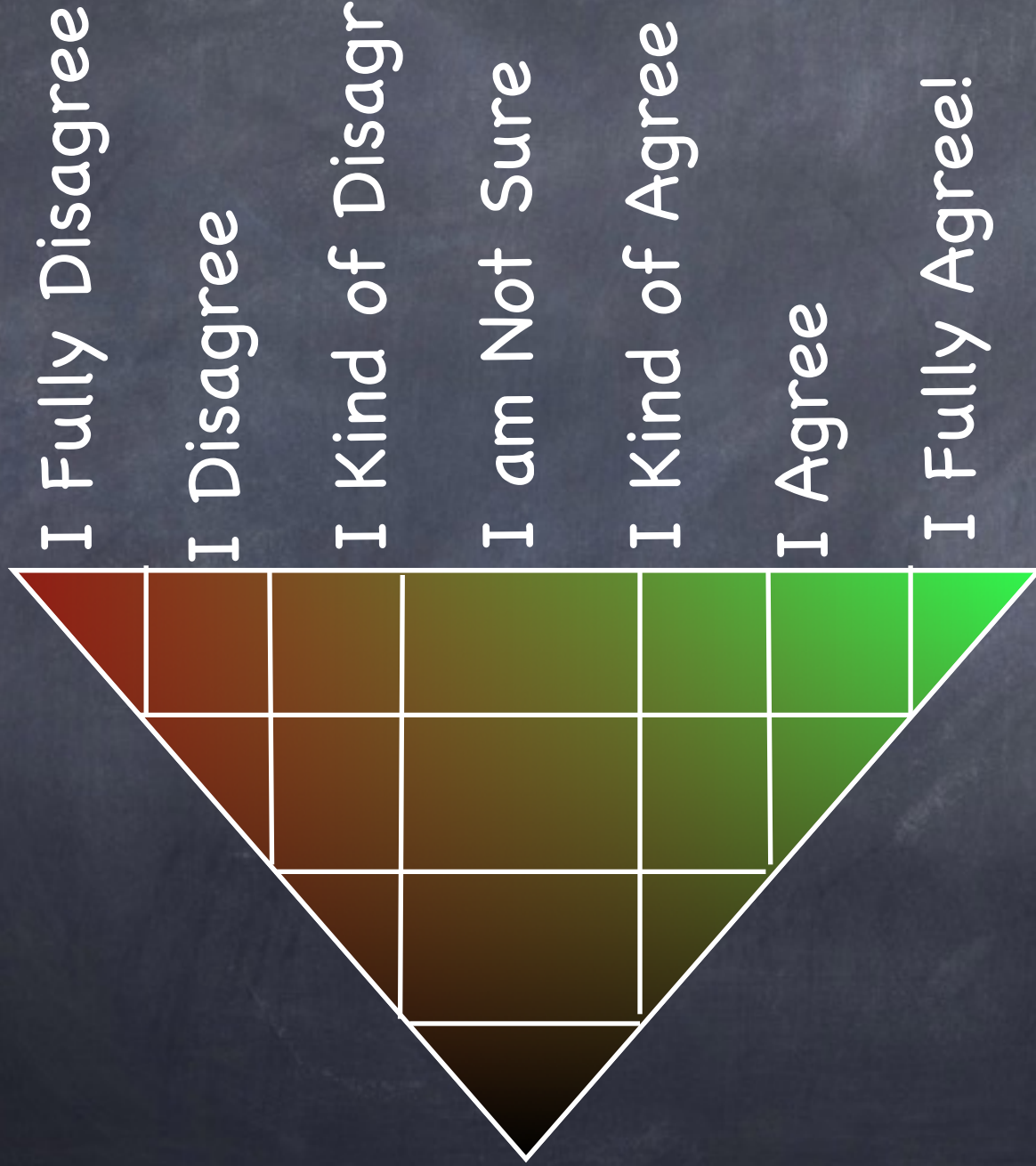
A Continuous Feedback



Different levels of understanding



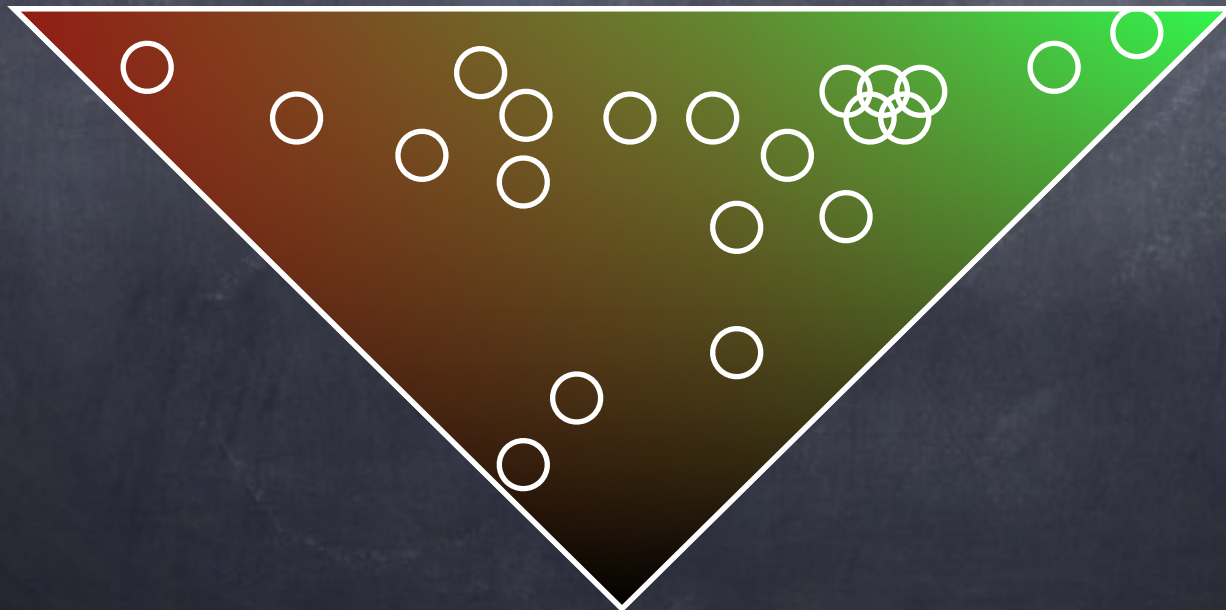
Different levels of agreement



What we now know

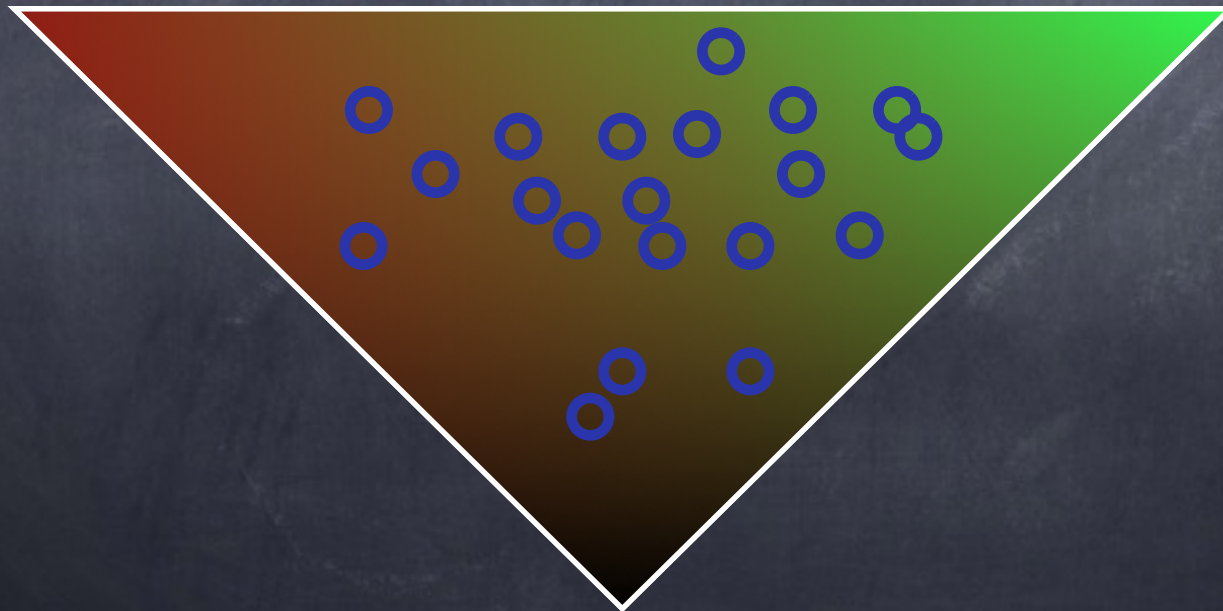
For each proposal

- Who understands it; who does not understand it
- Who likes it; who does not like it
- This creates a **feedback cloud** on the triangle



For all the proposals

- How understandable is each proposal on average
- How much people agree with it on average
- This creates a **proposals cloud** on the triangle, where each dot is a proposal



Data & Deductions

- Which authors write proposals that are easy to understand
- For each proposal: The Feedback Cloud
- For all the proposals: The Proposals Cloud
- Which proposals are well written
- Given two proposals:
 - number of people that support both



Clustering Proposals

- Given two proposals:
 - number of people that support both
- This allows to cluster proposals into semantically similar themes. A bit like Amazon clusters books depending on who buys them.
- Each Cluster can then be represented by a proposal that is widely understood and widely agreed upon.
- This makes it possible to get a bird's eye view of all the proposals presented

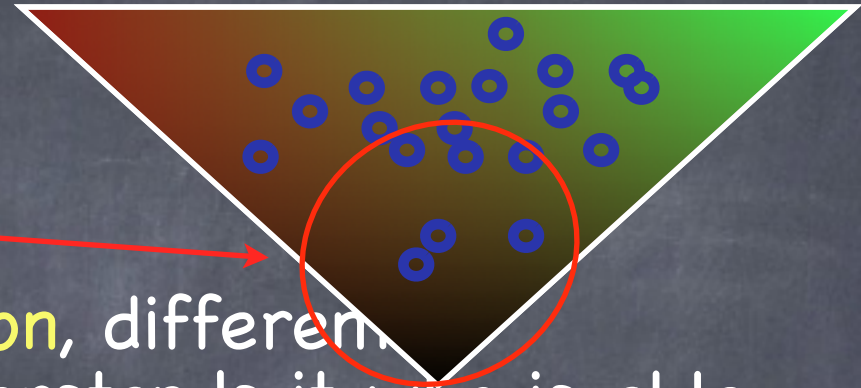
If we know which
proposals are well
written

We know which
proposals need
rewriting

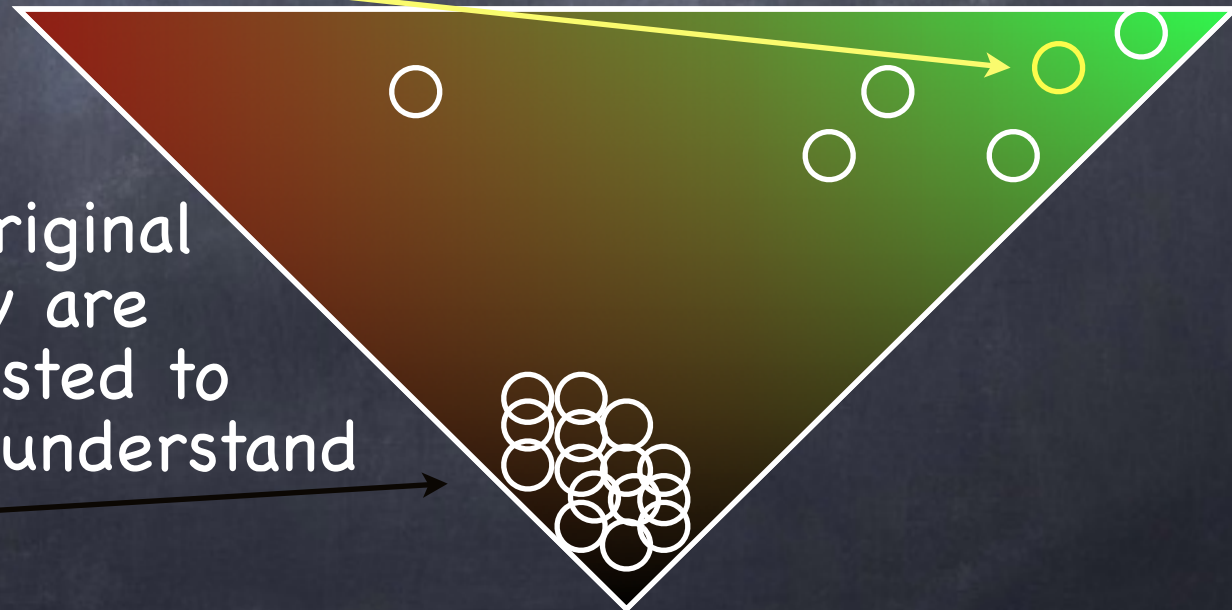
Find the proposals that are:

hard to understand,

there is at least **one person**, different from the author, who understands it who is able to write proposals widely understood, and who likes it.



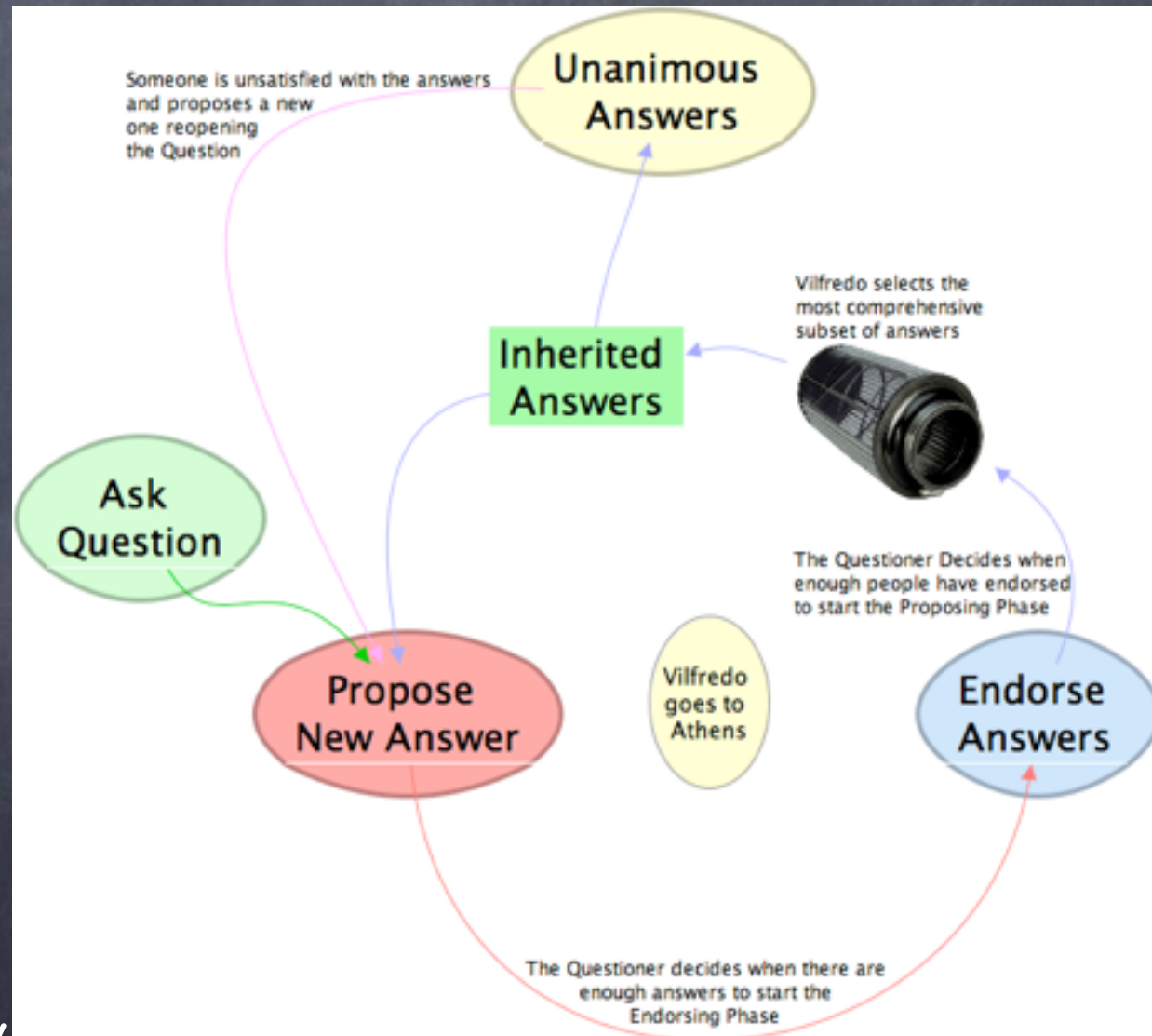
Ask **this person** to rewrite the proposal



Once the proposal has been rewritten, if the original author agrees that they are equivalent, it gets suggested to the people who did not understand the previous version.

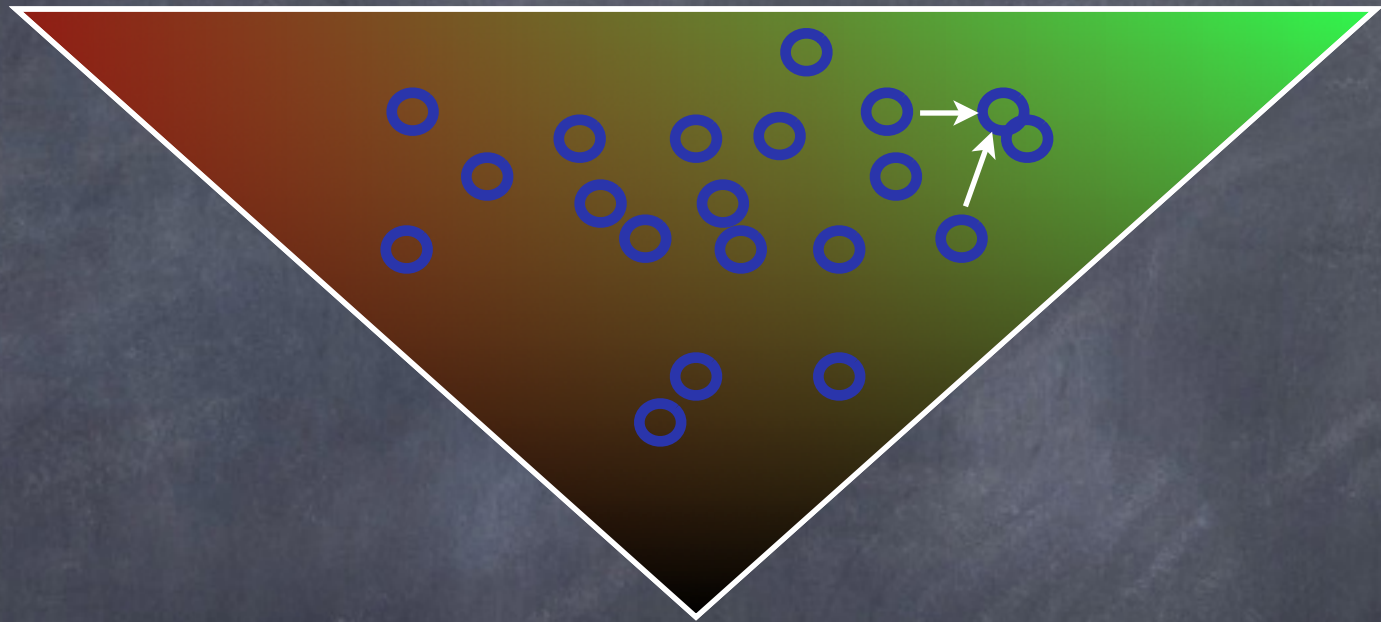
How do people welcome suggestions to rewrite?

Very Well!



Tested on Vilfredo.org:
Among a sea of possibilities,
a clear suggestion by the system was always welcomed.

If we know which person
support the same proposals



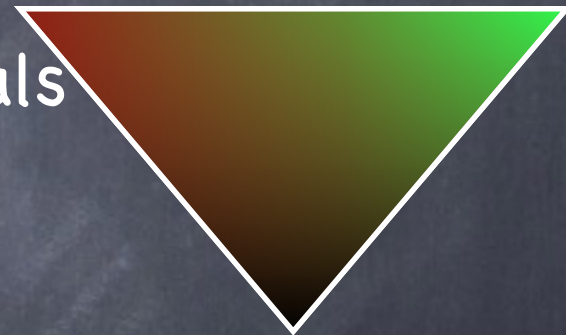
You can ask this person to write a
new proposal that joins those two
proposals

If we know which people support
the proposals of a single cluster

For each cluster you can set up a
workgroup asking people to write
a new proposal representative of
each cluster

All the talk in 1 slide

- Use a 2D feedback System (Understandability / Agreement)
- Use the Agreement to Cluster Proposals
- Use Understandability to:
 - ask good writers to rewrite poorly written posts
 - ask good writers to merge 2 proposals they support
- Testing on Vilfredo showed people welcome



Thanks

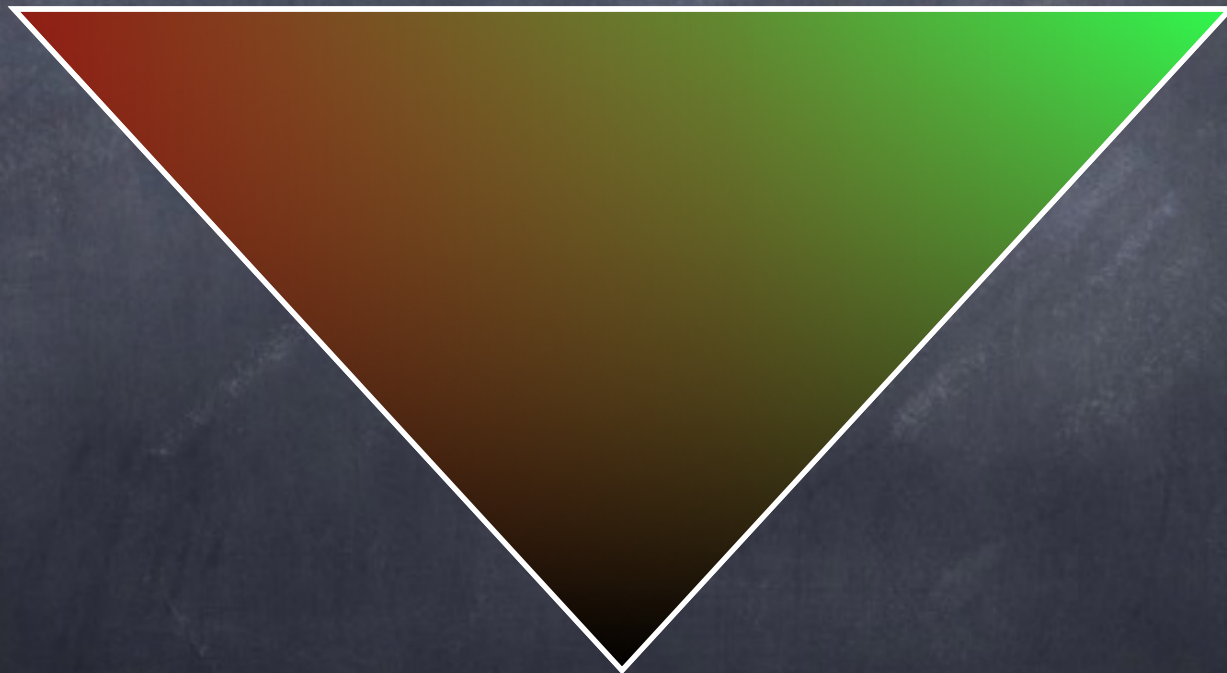
P.S. How would you rate this talk:

UNDERSTANDING

DISAGREE

AGREE

NOT UNDERSTANDING



Questions

Q 1

- Has we already tested this?

- no

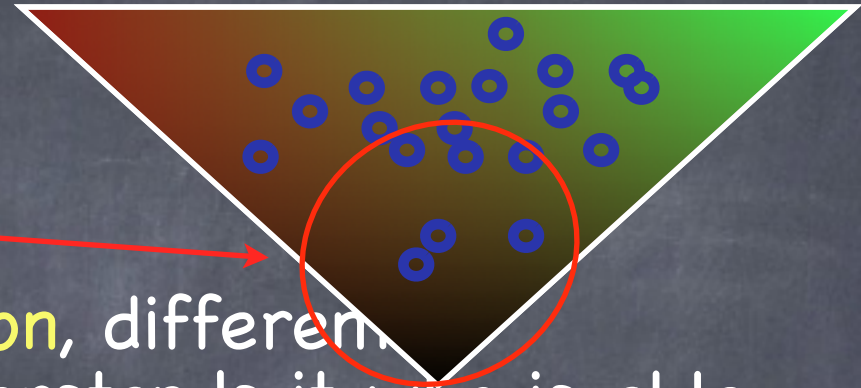
Q 2

- You seem to be implying a moderator
 - I am not implying any moderator
- How will you invite people to rewrite proposals
 - The website will do it

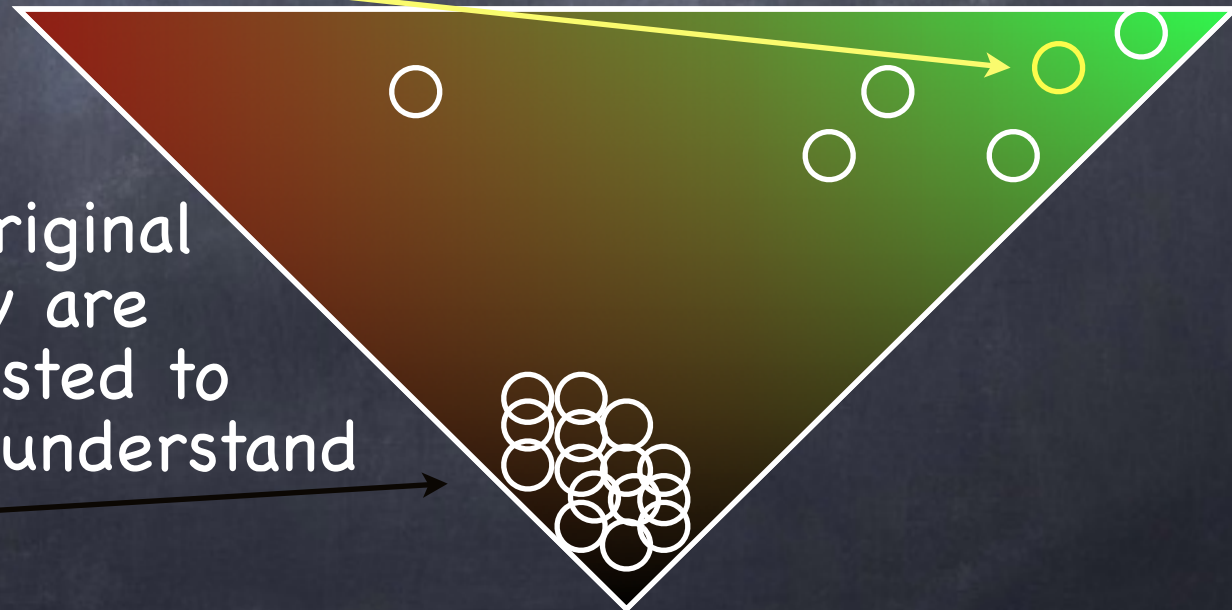
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Q 3

- If I think I am assigned to rewrite a proposal, but for me is clear, how can I rewrite it? For me is clear!
- There is no other option. You cannot ask someone who does not understand it. And you cannot ask the author. The author has already given it's best shot, and the person does not understand it, does not understand it.

Q 4

- How do you know that a person that claims that he understands the proposal really does it?
 - Very good question. We are working on that. But this is why the new version must be approved by the original author.
 - But also asking people to evaluate the relation between different proposals. But is space for original research

Q 5

- How do you cluster proposals if some have been evaluated more often than others [question summarized]
- This is related to fair evaluation. Two possibilities:
 - every time you propose something you need to evaluate a certain number of others, like a peer reviewed system
 - When a user goes to the system he is invited to rate, but starting from the least evaluated proposals. Or choosing specific proposal that

Q 6

- What is the relation between the Russian experiment and this talk
- It is just an example to show that eParticipation can get this numbers

Q 7

- It is the normal role of the moderator to look for those clusterings and it is well accepted
 - If the moderator is chosen by the politicians he will be distrusted. So you want to have something that is self moderated.
- What is in-transparent in a net-etiquette.
 - The fact that is a single person deciding when to apply them. People WILL not agree with them.

Q 8

- You could use the same principle for a tutorial text, for example, ...
- It is pretty universal. In the context of a talk it can be convincing-unconvincing.

Q 9

How would you rate this talk?

