

Color Companion

A Conversational Agent

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Logline

- **Idea**

The user tries to instruct the machine to reconstruct a specific color by perceptually expressing the color in a comparative way

- **Learning Scenario**

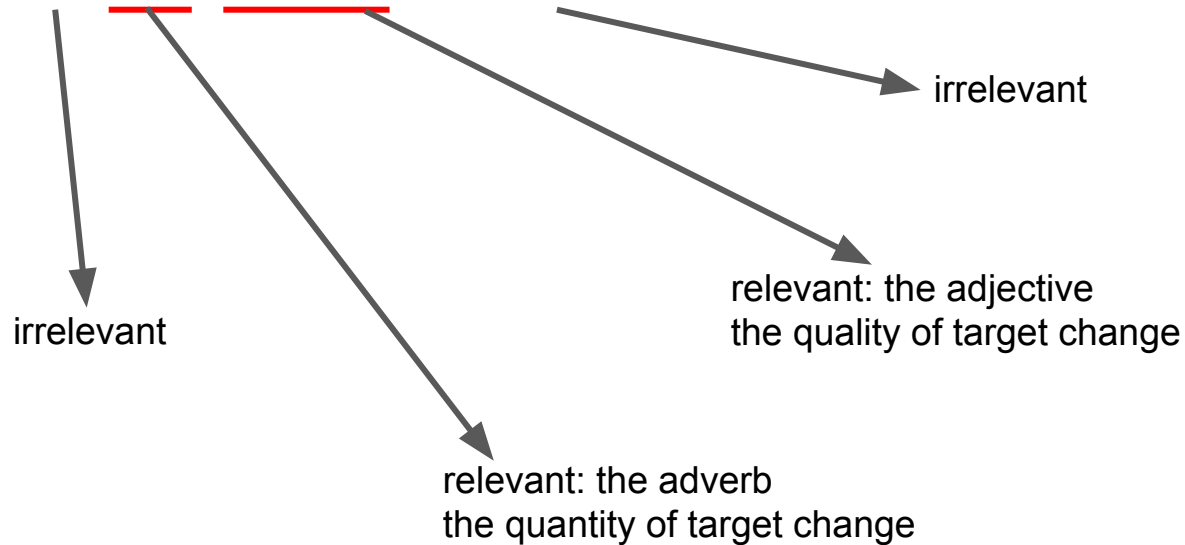
The user: to introspect into their perception and express it in a quantitative way

The machine: to enrich its understanding of human perception and to gain color common sense



How Does It Work...

>> it's a bit brighter, I guess...



Problems

● Evil User

>> Enter a number up to 25 (in digits): 'viertausendfünfhundert komma eins'
Comprehensive dictionaries
interface

● Perception Translation

Cold → increase blue, decrease red, what about yellow-green range?

Dusty → ?!

A bit → 2%, 10%,... ?

Same perceptual change happens with
different formula for different state color

● NLP

A bit more blue → bit (relevant), more (irrelevant)

A tad dirtier → DAFAQ?

Problems Difficulty



Might not resolvable



Resolvable by experiment/definition



Resolvable