Collection based sketching suggestions

Team Archive Hipsters
(Sarah, Tim, Alex)

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How might we help people to relive patterns of the past in order to **spark their curiosity** for digital collections?

How might we **do justice** to an artists work with the help of an interactive tool?

First idea

Experience how artists draw. A tool that suggests how great artists would have continued your drawing based on machine learning.

Our process

— Use drawing as the User Interface to explore existing art

— After understanding the people who sketch: Sketching is just the representation of thinking

Armin Lindauer

Helmut Lortz
Denkzettel

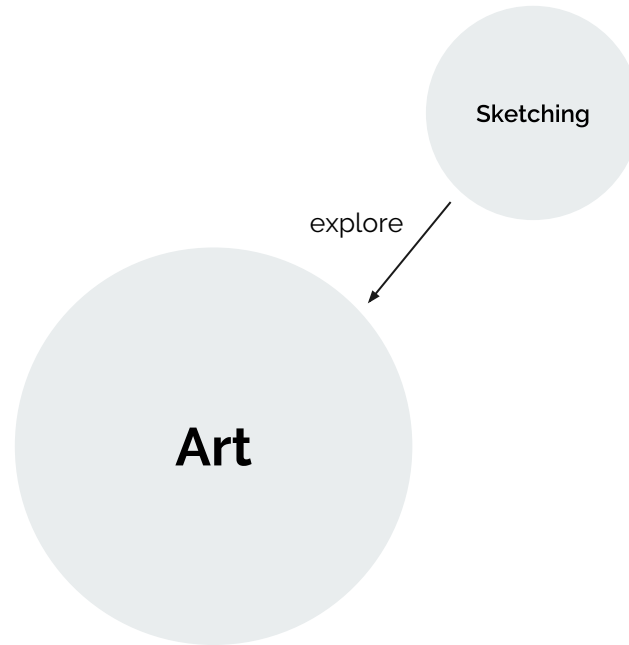Eine Anleitung zum Sehen, Zeichnen und Denken
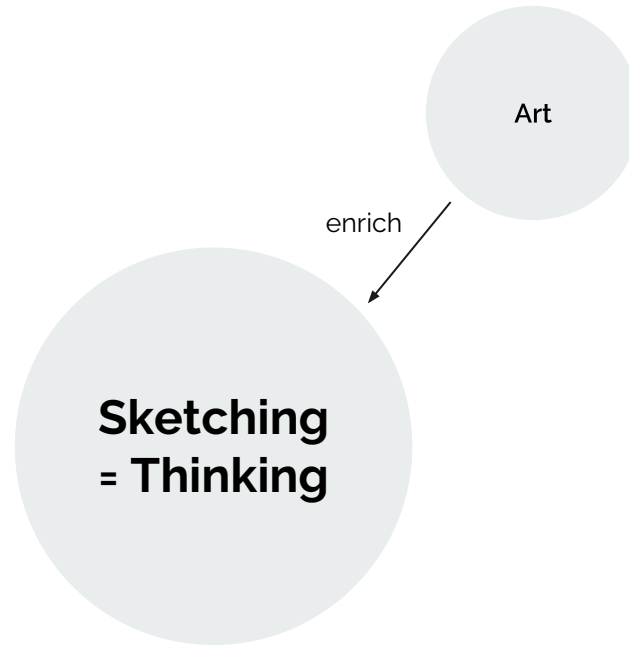
Verlag
Hermann Schmidt
Mainz

Our process

— Use drawing as the UI to explore existing art

— After understanding the people who sketch: Sketching is just the representation of thinking

— New goal: Use existing art to enhance/improve the creative process (of sketching)

Sketching

explore
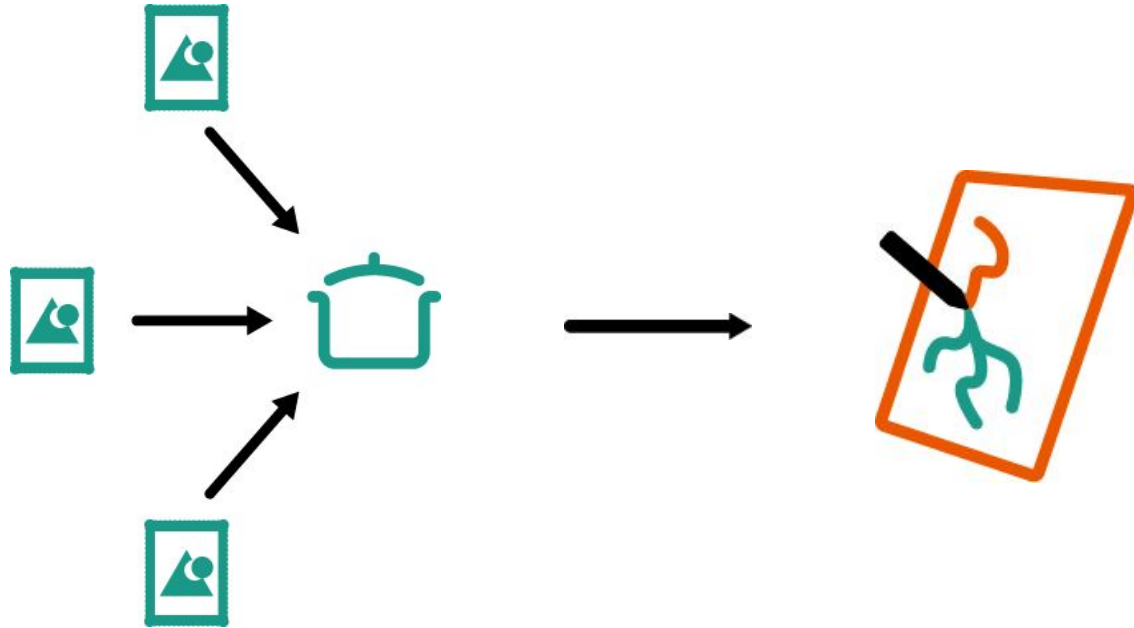
Art

Art

enrich

**Sketching
= Thinking**

Reframed goal

Inspire thinking with sketching suggestions. A tool that suggests how great artists would have continued your drawing based on machine learning.

Technology

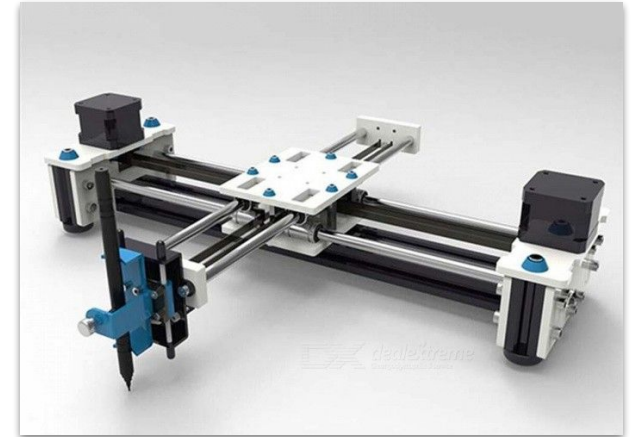**Creating a Model**   **Drawing Predictions**

Technology Requirements

1. step: simple input image

— no area fills

— no color

— no line width

2. step: vectorize sketches

— very simplified paths

Behaviour Types

🔍 **Explorer**

Unfamiliar with the Artists Work

Comparing their Work with the Work of other Artists

Explore different Variations

📝 **Creator**

Unfamiliar with the Artists Work

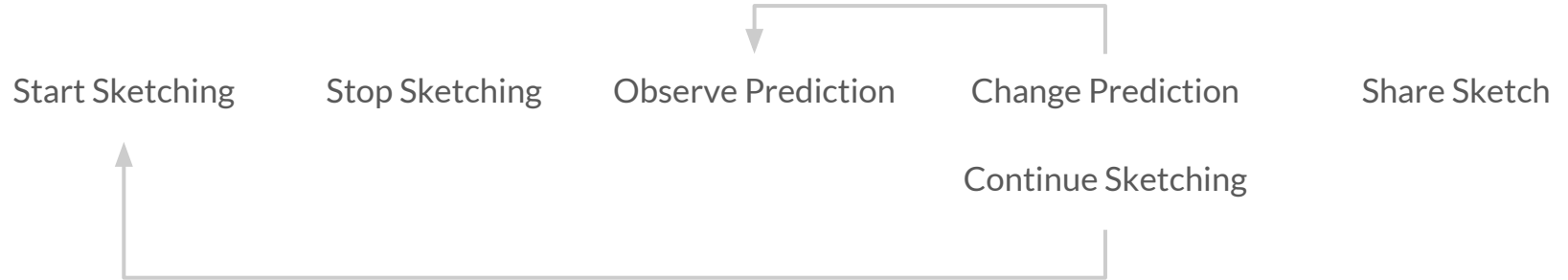Explore different Variations

❤️ **Admirer**

Familiar with the Artists Work and enjoys it

Because of their Expertise they might be able to decide which artwork is supposed to weigh in deeper as training data

User Journey

Start Sketching   Stop Sketching   Observe Prediction   Change Prediction   Share Sketch

Continue Sketching

Sänk ju! Quästschns?