

ARTIFICIAL INTELLIGENCE AND CULTURAL HERITAGE

GENDER CLASSIFICATION OF FIGURINES

Marco Zeyen, Saim Simsek, Chris Alexander, Katjana Johag

INHALT

- Ziel
- bisheriger Verlauf / aktueller Stand
- Ausblick / weitere Vorgehensweise
- Überblick

ZIEL

- Entwicklung eines Programms zur Geschlechterklassifizierung von Statuen
- Daten ausserhalb von Arachne bilden die Grundlage
- Application soll am Ende auf Arachne anwendbar sein



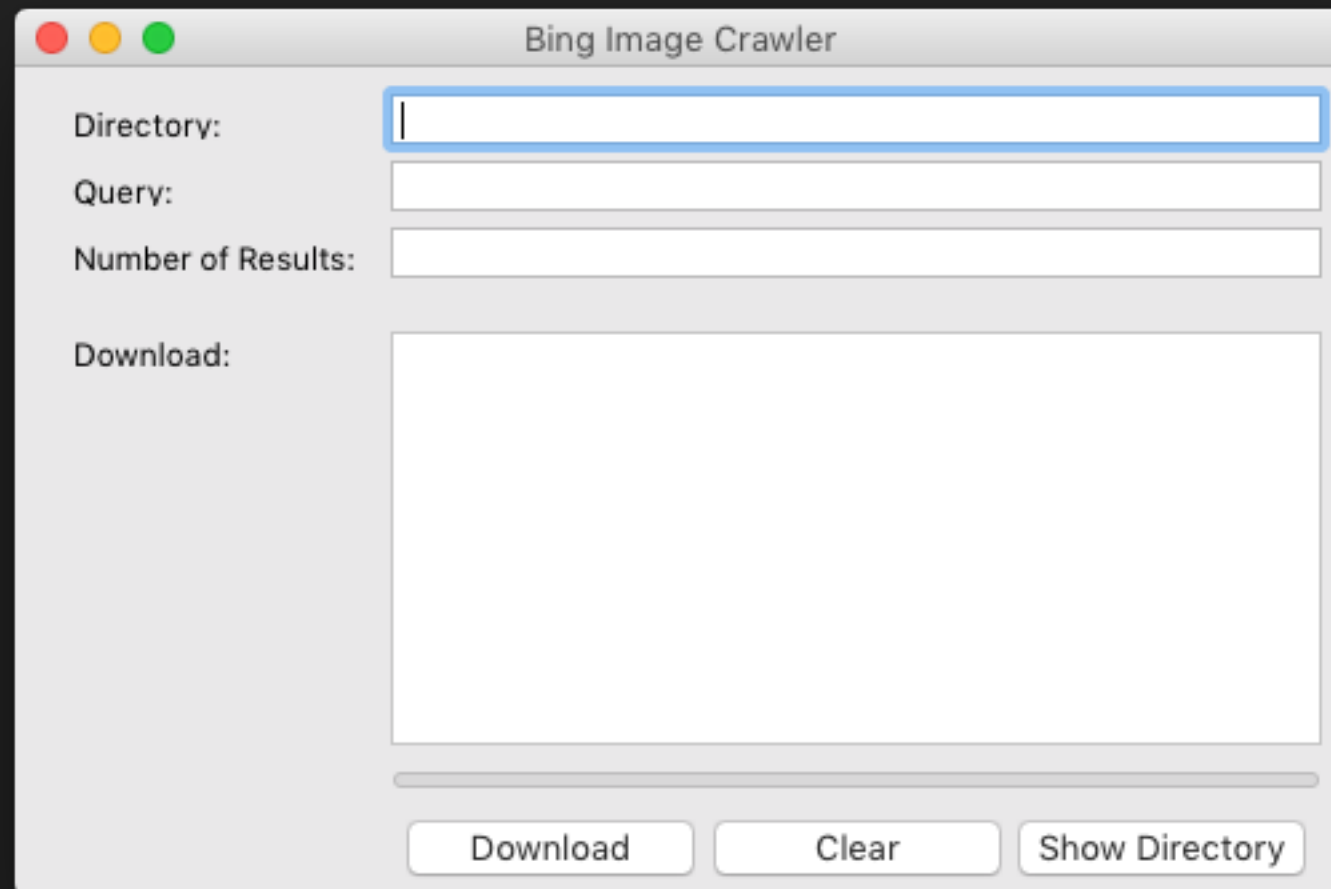
GENDER CLASSIFICATION OF FIGURINES

BISHERIGER VERLAUF / AKTUELLER STAND

- Erstellung eines Imagecrawlers ✓
- GUI ✓
- Google Drive / Github Pages ✓
- Korpus aufbereiten ✓

GENDER CLASSIFICATION OF FIGURINES

GUI @ MARCO



The image shows a screenshot of a macOS-style window titled "Bing Image Crawler". The window has a light gray title bar with three colored window control buttons (red, yellow, green) on the top left. The main content area is white and contains four input fields on the left, each with a label and a corresponding text box on the right:

- Directory:** A text box with a blue border and a cursor, currently empty.
- Query:** A text box, currently empty.
- Number of Results:** A text box, currently empty.
- Download:** A large, empty rectangular area.

At the bottom of the window, there is a horizontal scrollbar and three buttons: "Download", "Clear", and "Show Directory".

WEITERE VORGEHENSWEISE

- Tensorflow: was kann unser Algorithmus lernen?
- Datensatz optimieren: Bildverarbeitung mit OpenCV (Kontraste, Spiegelung etc.)

GENDER CLASSIFICATION OF FIGURINES

ÜBERBLICK

| TASK | STATUS | WANN? |
|-----------------------|-------------|------------------|
| Imagecrawler | ✓ | |
| GUI | ✓ | |
| GoogleDrive, Github | ✓ | |
| Korpusaufbau | ✓ | |
| Externe Dokumentation | in progress | |
| Tensorflow | in progress | 19.12 |
| Korpusaufbereitung | | 19.12 - 15.01 |
| Arbeit mit Tensorflow | | Ab Anfang Januar |

DANKE