



PexAce

Memory Game With a Purpose

Goal

- Image annotation
- Through**
- Human computation
- Attractive, fun and challenging game

Unannotated images



Game PexAce

- Remodeled version of the old familiar memory game
- Penalization for multiple inversions of cards
- Allows players to write notes for pictures

Playing cards

Time spent to find pairs

Inverted images

Notes written by players

Score reached during the game



Processing

- Tokenizing raw annotations
- Lemmatization (WordNet.Net)
- Player agreement filtering (At least two players must agree on a word)

Sea Coast
Rock Reef
Beach

Raw annotations

- after translating player notes we obtained the following raw annotations for this image

- coast shore
- reef in sea
- jump mountain
- beach right
- beach sand cliff
- rock coast
- yellow rock



Results

- 123 registrations + guests
- More than 200 games played
- More than 9000 raw annotations
- More than 1100 tags for 500 pictures
- Great popularity

Future work

- Using the obtained data for useful things
- Creating more precise tags to photos
- Obtaining metadata for other media
- Creating more GWAPs

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