



Picture Classification Based on Text Description

Group 4

Data set <http://www.wdl.org/en/>

- Data Introduction
- Pictures
- With text description

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Data Introduction



Description

* Joseph Ingraham was the master of the brigantine Hope, a 70-ton American ship that was designed and equipped to make the trip around Cape Horn to the west coast of North America, from there to China, and from China back to Boston. In the late 18th century, American fur traders undertook expeditions to the north-western Pacific, where they obtained furs, which they brought for sale to the Chinese port of Canton (present-day Guangdong). There they acquired tea, silk, porcelain, and other goods for sale in the U.S. market. This work is the original manuscript of Ingraham's account of one.....

Data summarization after processing

- **Creator** [Dahlberg, Erik](#) (1625-1703)
- **Date Create**
- **Language** [La](#)
- **Title in Orig**
- **Place** [Europe](#)
- **Time** [1500 A](#)
- **Topic** [History](#)
[Europe](#)
- **Additional S**
- **Type of Item**
- **Physical Des**
engravings and
- **Institution** [N](#)
- **External Resource** <http://hdl.loc.gov/loc.wdl/swskb.3036>



[phy of & travel in](#)

copperplate

Problem Description and Methodology

- Fill in missing information, e.g, topic
- Based on available information
- Using kNN method?
- Using F1 measure as evaluation criteria

What to be done?

- Build a small DB
- Choose a suitable parser
- Algorithm evaluation
- Summarization



MAKE SENSE?