Introduction to Scheherazade

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Before we start

- If you don’t have Scheherazade installed yet
Scheherazade is...

- A narrative formalism that is robust, expressive, and machine-processable
  - → Story Intention Graph

- Annotation tool that is easy to use for non-experts
  - → Scheherazade GUI

- What can it be used to do?
Generating a story retelling

Original Story

A Crow was sitting on a branch of a tree with a piece of cheese in her beak when a Fox observed her and set his wits to work to discover some way of getting the cheese. Coming and standing under the tree he looked up and said, “What a noble bird I see above me! Her beauty is without equal, the hue of her plumage exquisite. If only her voice is as sweet as her looks are fair, she ought without doubt to be Queen of the Birds.” The Crow was hugely flattered by this, and just to show the Fox that she could sing she gave a loud caw. Down came the cheese, of course, and the Fox, snatching it up, said, “You have a voice, madam, I see: what you want is wits.”

Retelling Using the Story Intention Graph

So yeah, the crow sat on the branch of the tree. Obviously, the cheese was in the beak of the crow. Once the fox came and stood under the tree, the fox looked toward the crow. Yeah, well, the fox said beauty of the bird was darn incomparable! The fox said the bird undoubtedly would be the queen of every bird if the sweetness of the voice of the bird was equal to the fairness of the appearance of the bird, you see? So yeah, the crow loudly cawed in order for it to show it was somewhat able to sing, okay? The fox snatched the cheese, you see? Oh gosh the fox said the crow needed wits!
A Rich Representation: Story Intention Graph

DISCOURSE

TE: A Fox observed her (the Crow)

TE: and set his wits to discover some way of getting the cheese

TE: she (the Crow) gave a loud caw

TE: (the Fox says) “...what you want is wits”

FABULA TIMELINE

P: see(fox, crow)

P: try(fox, discover(fox, cheese))

P: caw(crow)

P: says(fox, need(crow, wits))

INTERPRETATIVE

GOAL: FOX

I: obtain(fox, cheese)

BELIEF: FOX

I: able(sing(crow))

I: insult(fox, crow)

AFFECTUAL

A: FOX

A: CROW
How do we get a SIG?

NOT AUTOMATICALLY
Scheherazade

Scheherazade is a symbolic annotation/encoding tool for stories. Below you will find the system library at the current stage of development.

NEW! The Scheherazade Tutorial

Data: DramaBank 1.00

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Scheherazade v0.33 for Linux [15 MB]
Scheherazade v0.33 for Mac OS X [15 MB]
Scheherazade v0.33 for Windows [15 MB]

If you are running the JAR file directly, run Scheherazade with extra memory and PermGen space:

```
java -XX:PermSize=128M -Xmx1024M -Xms1024M -jar scheherazade-0.33.jar
```

Also try this sample data file (load from the splash screen).

Requires Java 1.5 and 1GB of RAM
Can we do this for social media stories?
Today was a very eventful work day. Today was the start of the G20 summit. It happens every year and it is where 20 of the leaders of the world come together to talk about how to run their governments effectively and what not. Since there are so many leaders coming together their are going to be a lot of people who have different views on how to run the government they follow so they protest. There was a protest that happened along the street where I work and at first it looked peaceful until a bunch of people started rebelling and creating a riot. Police cars were burned and things were thrown at cops. Police were in full riot gear to alleviate the violence. As things got worse tear gas and bean bag bullets were fired at the rioters while they smash windows of stores. And this all happened right in front of my store which was kind of scary but it was kind of interesting since I've never seen a riot before.
Annotation Interface (Protest story)
Live Tutorial

- Encoding “The Fox and The Crow”
  - You can revisit the Scheherazade tutorial (https://sites.google.com/site/scheherazadetutorial/) to see what I did