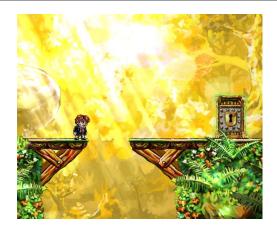
## **Towards a Theory of Choice Poetics**

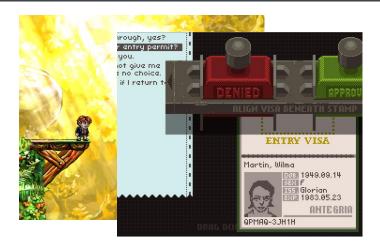
Peter Mawhorter Michael Mateas Noah Wardrip-Fruin Arnav Jhala

Department of Computer Science University of California Santa Cruz

April 4th, 2014



Games can tell stories.

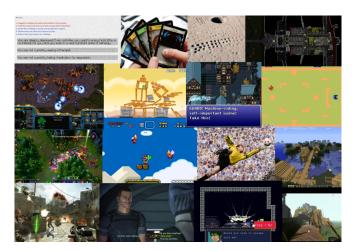


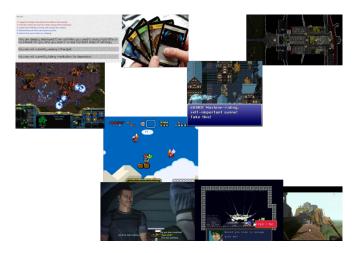
They can do things other media cannot.



We don't understand this very well.

### Meaning in Games





# Choice Poetics (explicit discrete choices)

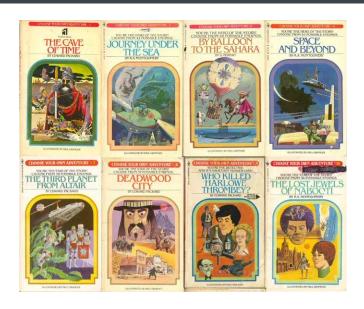
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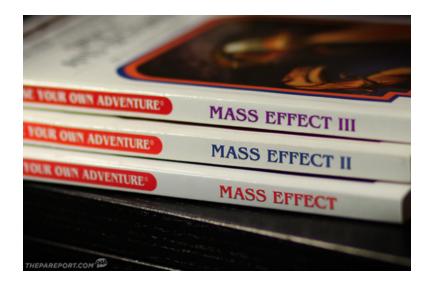
### **Outline**

- Introduction
- Background & Motivation
- Example choice
- Choice poetics
  - Modes of engagement
  - Choice idioms
  - Dimensions of player experience

## Story Games



## **Story Games**



### **Related Work**



Aristotle Meaning in Narrative circa 335 B.C.



Bogost Meaning in Games 20XX

### **Practical Advice**

From the Choice of Games game design blog cateogry\*:

- ▶ 4 Common Mistakes in Interactive Novels
- ▶ 5 Rules for Writing Interesting Choices in Multiple-Choice Games
- Make a "Choice of" Game Your Own: Authorial Intent in IF
- By the Numbers: How to Write a Long Interactive Novel That Doesn't Suck

<sup>\*</sup>http://www.choiceofgames.com/category/blog/game-design/

### **Outline**

- Introduction
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#### Some observations...

- ► Binary (Yes/No)
- Low-information
- High-stakes
- Outcomes aligned with narrative



### Dramatic effect...

- Transition between narrative arcs
- Contextualizes play going forwards
- Feelings of uncertainty and/or regret



- Modes of Engagement
- Choice Idioms
- Dimensions of Experience

- Modes of Engagement–How players approach choices
- Choice Idioms
- Dimensions of Experience

- Modes of Engagement–How players approach choices
- Choice Idioms—Specific choice structures and their effects
- Dimensions of Experience

- Modes of Engagement–How players approach choices
- Choice Idioms—Specific choice structures and their effects
- Dimensions of Experience—Things that choice structures affect

## **Example: Modes of Engagement**

### Dramatic effect...

- ► Transition between narrative arcs
- Contextualizes play going forwards
- Feelings of uncertainty and/or regret



## Modes of Engagement: Avatar Play



## Modes of Engagement: Role Play



## Modes of Engagement: Power Play



## **Example: Modes of Engagement**

### Dramatic effect...

- ► Transition between narrative arcs
- Contextualizes play going forwards
- Feelings of uncertainty and/or regret



## **Example: Choice Idioms**

### Some observations...

- ► Binary (Yes/No)
- Low-information
- High-stakes
- Outcomes aligned with narrative



### **Choice Idioms: Blind Choice**



### **Choice Idiom**

- Blind choice
  - May appear more important than it really is.
  - May lead to regret or frustration.
  - May encourage exploratory play.

## **Example: Choice Idioms**

### Some observations...

- ► Binary (Yes/No)
- Low-information
- High-stakes
- Outcomes aligned with narrative



## **Example: Dimensions of Player Experience**

#### Some observations...

- ► Binary (Yes/No)
- Low-information
- High-stakes
- Outcomes aligned with narrative



## Dimensions of Experience: Regret



## **Example: Dimensions of Player Experience**

#### Some observations...

- ► Binary (Yes/No)
- Low-information
- High-stakes
- Outcomes aligned with narrative



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(this work is only a beginning)

### **Questions?**



- Choice poetics
  - Modes of engagement
    - Choice idioms
  - Dimensions of player experience

