

# Workshop Friday

Let's build a short story game!



{p r o g r a m m i n g}

Background:

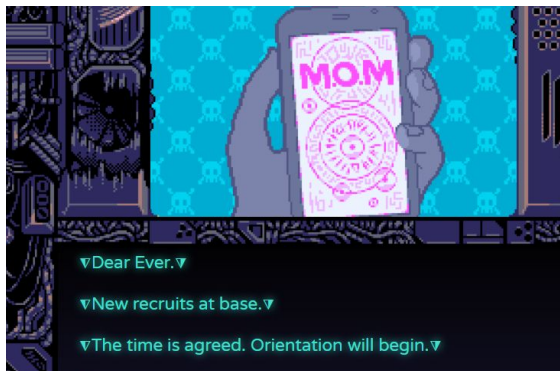
What's a short story game?

# What's a short story game?

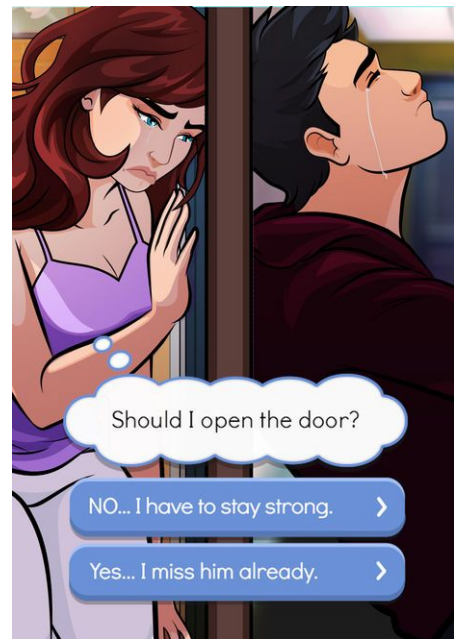
- A spectrum of subgenres:
  - stories with victory conditions or multiple endings
  - visual novels
  - D&D-inspired role playing game (MUD)
  - mixes of above



“Ace Attorney”



“Hyperslime”



“Choose your story”



A MUD game labyrinth

# Background - what's a short story game

Example author/game creator:

**Porpatine**

- multiple game techniques
- distinct trans-narrative

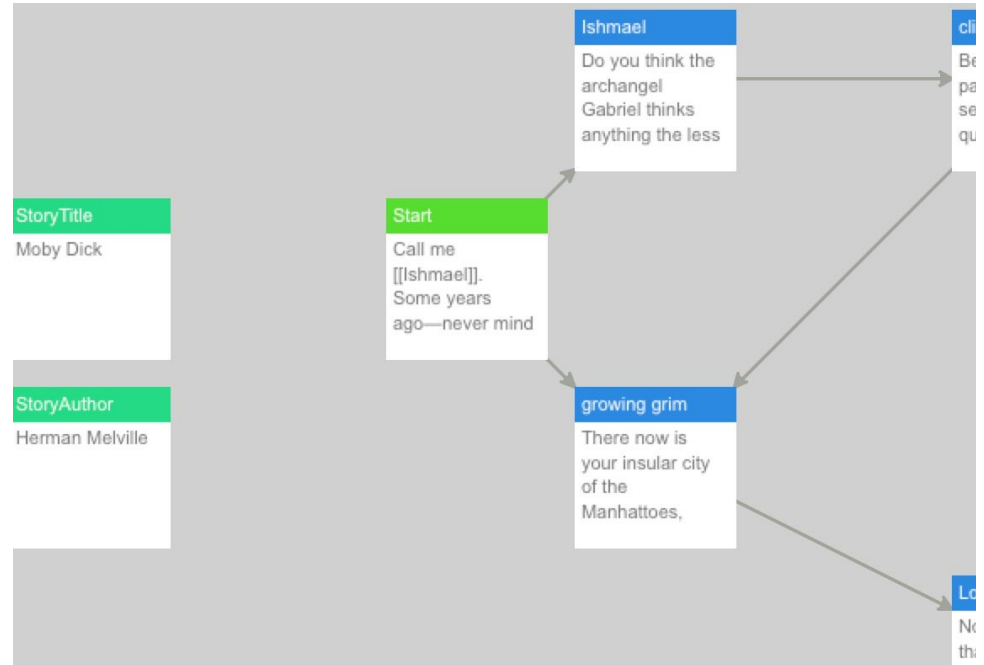
Beginner's guide to visual novels

**<http://goo.gl/koFk7q>**

- popular subgenres
- brief history

# What's a short story game?

- A fairly simple genre for getting started making funny or interesting games



# How would you model a simple text game?

it can be done in many ways

# The basic game engine

## **Game states**

- storing text as separate units
- associating each text unit with index

## **Media management**

- background colors or images
- (background sound)
- (transition effects)

# Logics VS Presentation

## Logics

Optimized logics:

- Makes it easy to create and revise content, In particular the plot!

Simple to make in isolation

- Object orientation usually plays a role in this.
- The look and presentation can be changed afterwards, but not interactivity and gameplay.

## Presentation

Optimized presentation:

- Pure experimentation with the expression and arts of text-reading and modes of interaction.

Difficult or no isolation

- When experimenting is done, content production can take over.
- Requires a good grip of object oriented programming.



# Example for logics

Class names:

- **Book**: the whole game
- **Page**: one screen of text
- **Block**: one paragraph

# Example for presentation

Interactivity:

## **Keyboard input**

- space:        next page
- enter:        increase text speed
- tab:           next paragraph

# Steps to build a working text game in Greenfoot

- Text as Actor
  - beginner lvl
- Animate text
  - beginner lvl
- Multiple lines
  - intermediate
- Multiple pages
  - intermediate

Let's code together!



See tutorial document