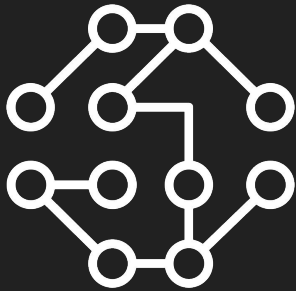# Twine, An Open-Source Tool for Non-Linear Storytelling and Gaming Pedagogy

Chris Klimas
March 12, 2021

A little about myself

Unmapped Path

INTERACTIVE
FICTION
TECHNOLOGY
FOUNDATION

MICA

What is Twine?

Twine is a simple, open-source tool for creating text-based interactive narratives

YOU'RE THE STAR OF THE
STORY! CHOOSE FROM 39 POSSIBLE ENDINGS.

SUGARCANE ISLAND

BY EDWARD PACKARD

ILLUSTRATED BY TED ENIK

Foyer of the Opera House

Shaking the rain from your cloak, you step gratefully inside.

You are standing in a spacious hall, splendidly decorated in red and gold, with glittering chandeliers overhead. The entrance from the street is to the north, and there are doorways south and west.

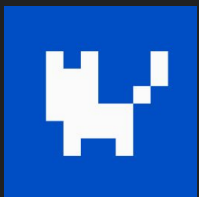Twine is part of a spectrum of options for making ludic experiences

Twine

Twine

unity

UNREAL
ENGINE

Bitsy

PuzzleScript

Twine

PICO-8

SCRATCH

unity

UNREAL
ENGINE

Twine began as a tool for myself

Twine was adopted by a large community of independent game creators

Twine also was adopted by educators interested in game-based learning (aka "serious games")

What can educators use Twine for?

Experiential learning and simulations

SAVES

RESTART

It's been two weeks since you accepted Mrs Heath's referral. Thank goodness you knew the referral criteria She's been sent the Pain Service Questionnaire which includes three psycometric assessment tools to find a bit more about her pain experience. The completed Pain Questionnaire is on your desk with a note stuck to the front:

I thought seeing as you've been involved in this lady's referral you might want to have a look at this and decide if she should be assessed by the MDT or Dr only at this stage?

Thanks

James

Pain Questionnaire

What can students use Twine for?

Prototyping game designs

What can students use Twine for?

Prototyping game designs

Demonstrating knowledge

Small Twine Forum Project

- The main character of your IH is a child/youth visiting the Forum with his mother/father or both parents. In true Roman fashion they use their child's first tour of the Forum to provide moral instruction in what it means to be a Roman.

- Describe 3 connected locations in the Forum. For each location, your character, must experience
  - How it looked
  - How it was used
  - Either what it symbolizes about the Romans or a story or legend associated with the building/location
  - If applicable, what story or legend was associated with the building or the namesake of the building?
- The player must be able to navigate back and forth between adjacent areas through links
- Illustrate- what role did the Forum and its buildings play in Roman culture?

Main Specs:

_____ Has at least 3 locations. The locations must represent places in the forum from the selected historical period. The locations must be arranged in roughly historically correct geographical relationships which are specified in the text (northern temples should be north of southern temples, etc.)
  - These locations should have detailed descriptions (100 words minimum)
  - The descriptions are appropriate to the time and place (i.e. Roman)
  - No clear anachronisms
  - The significance of the site for the Roman youth is provided.

_____ Includes reference passage where all sources of information (and all must be of good quality) for the project are cited

http://www.playthepast.org/?p=5752

What can students use Twine for?

Prototyping game designs

Demonstrating knowledge

Rhetoric

September 7th, 2020

Created by
Cait S. Kirby
Website
Twitter

Just one day.

💾 **Saves**

⏻ **Restart**

It is September 7th, 2020.

While the data suggest covid-19 is still actively moving around the US, many universities have decided to open up for face-to-face classes. You have been on campus for a few days.

You are a sophomore at Most Distinguished University of the North. You are a biology major and very excited about your genetics class this fall.

Your family in Atlanta keep calling to check in on you. They know that your chronic illness has been flaring, limiting your mobility. They know that you are at high risk for covid-19. Sometimes it's difficult just to make it through the day.

Your classes began in person this week. You try to be excited, but it's hard.

You wanted to take all your classes online. **Instead, this is your day.**

https://caitkirby.com/downloads/Fall%202020.html

Thank you