



Léo CHARTIER
9:30 AM



Quentin CLEMENT
11:00 AM



Thomas PLANCHARD
1:30 PM



Laurent BOUQUIN
3:00 PM

End of Degree presentation

Léo CHARTIER



Context

Classical Music Mashup

Originally Arranged By Grant Woolard
Arranged for String Orchestra By Gene Nacal

Score for String Orchestra, starting at measure 120. The score is written for Violin I, Violin II, Viola, Violoncello, and Contrabass. The key signature is three flats (B-flat major or D-flat minor), and the time signature is 4/4. The score includes dynamic markings such as *mp* (mezzo-piano), *mf* (mezzo-forte), and *ff* (fortissimo). The score is divided into measures, with measure numbers 120, 130, and 140 indicated. The score is a classical music mashup, featuring various classical tunes by 33 composers.



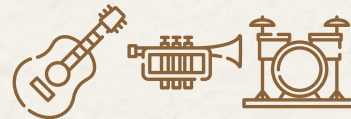
Scope



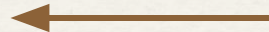
Sheets



Stems

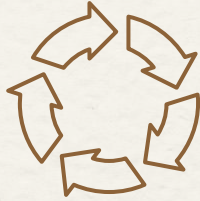


Instruments



Methodology

Agile



No schedule



Research



Competitors



Method



Dataset



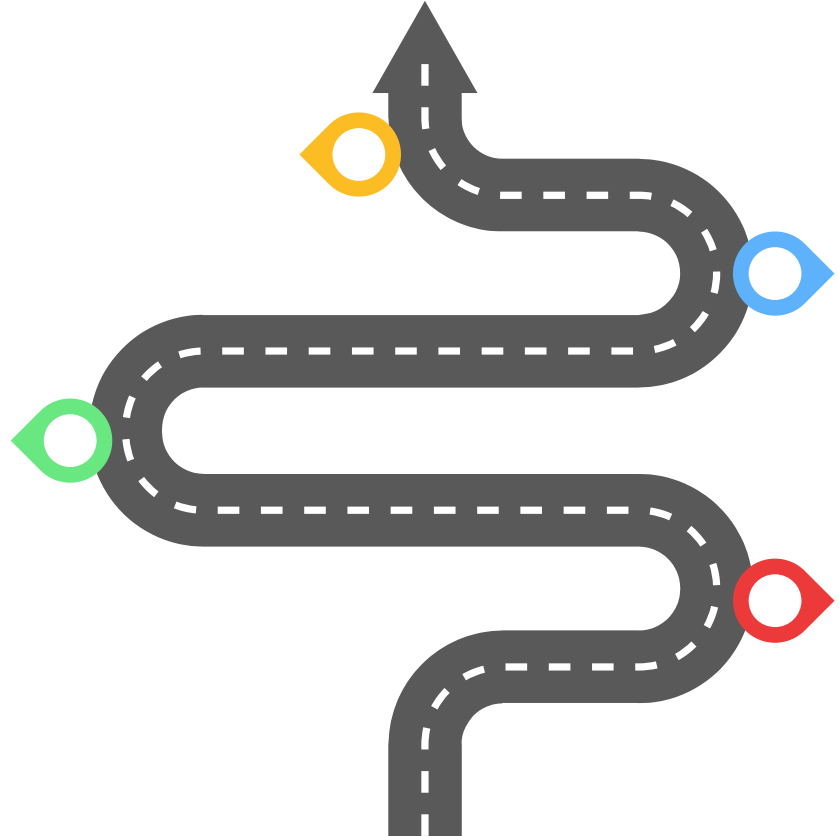
Software & Tools

Development & issues



Renpath

A choice analysis tool



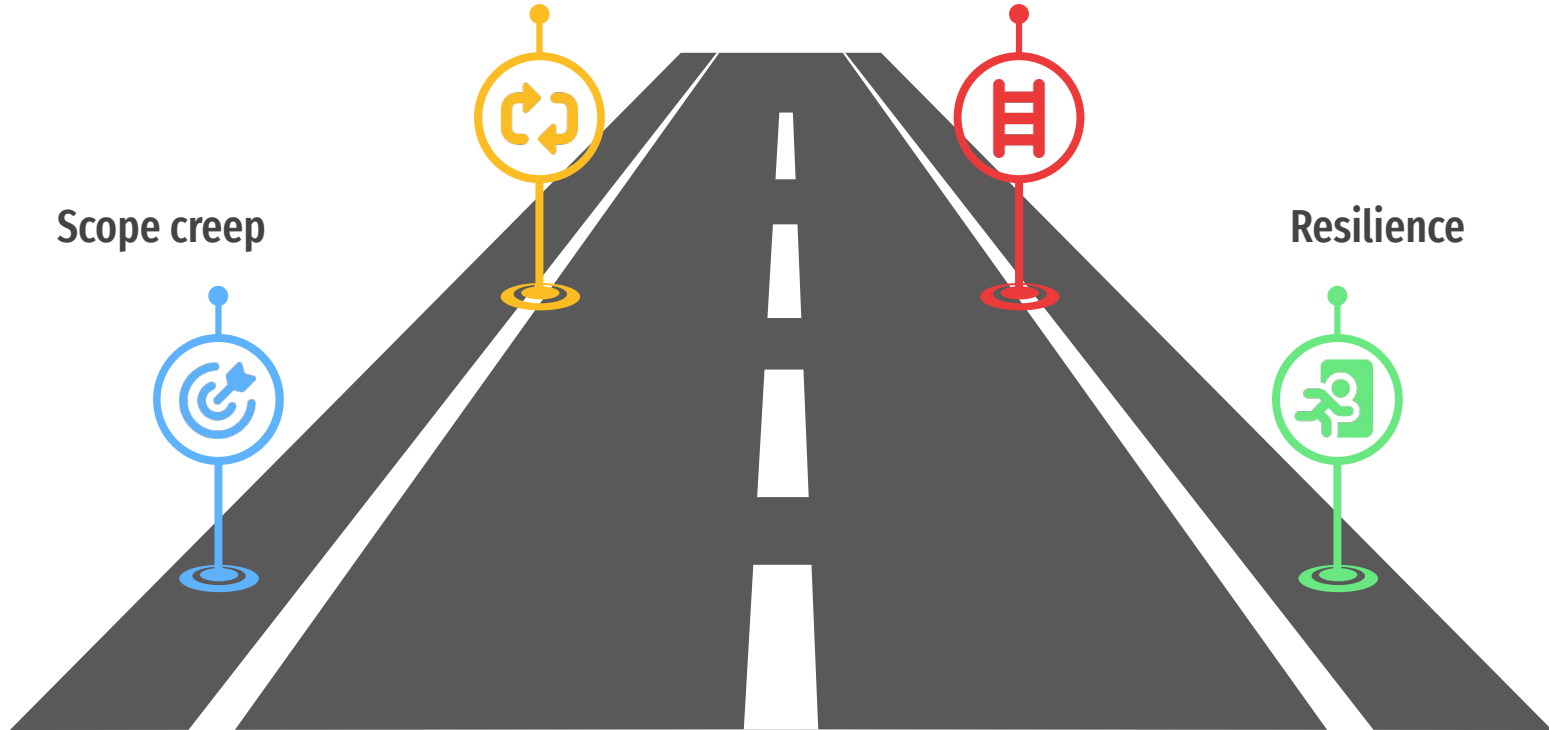
Lessons learned

Continuous testing

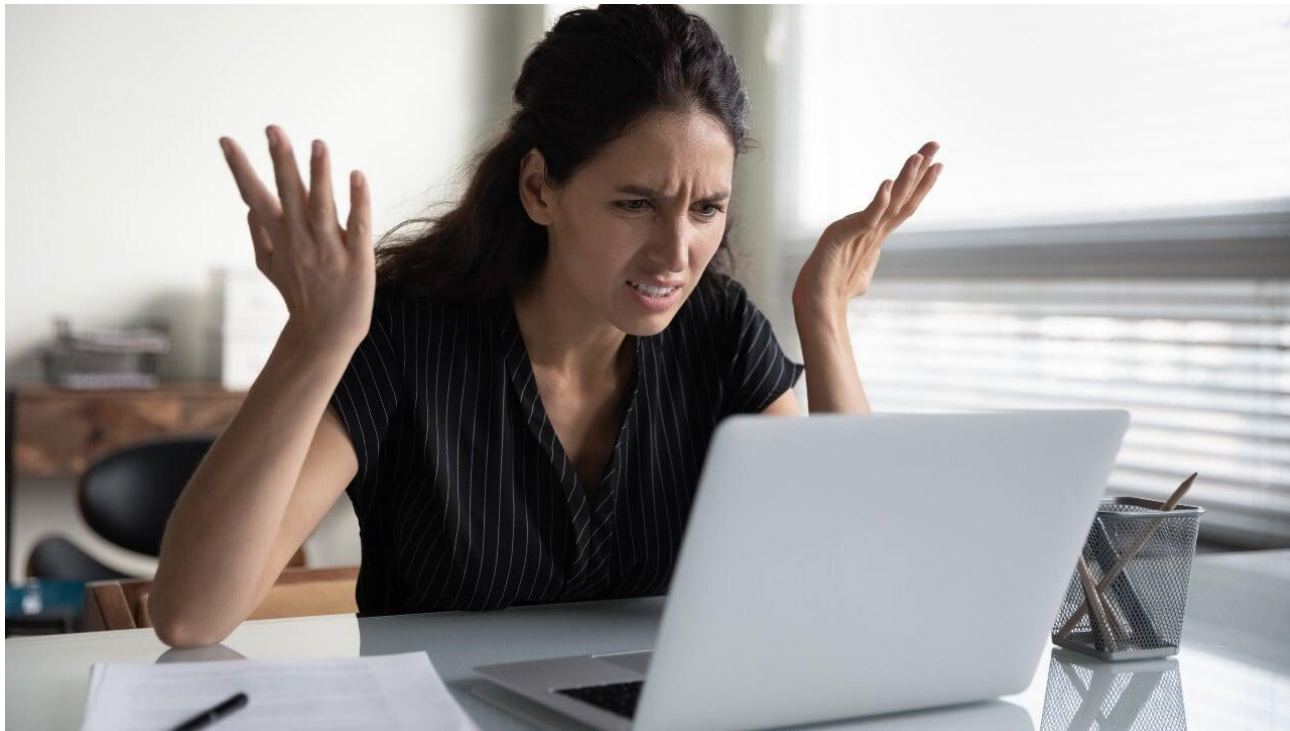
Incremental progress

Scope creep

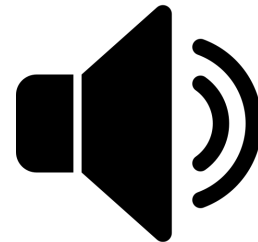
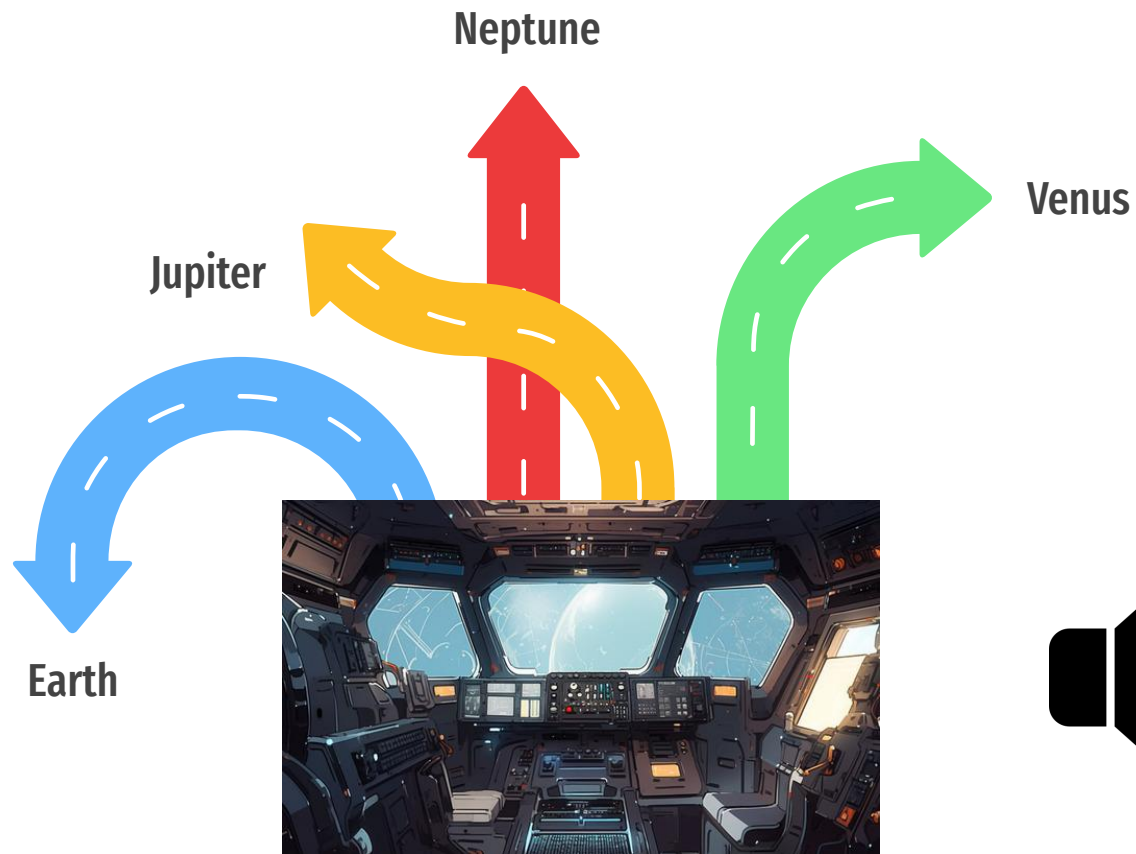
Resilience



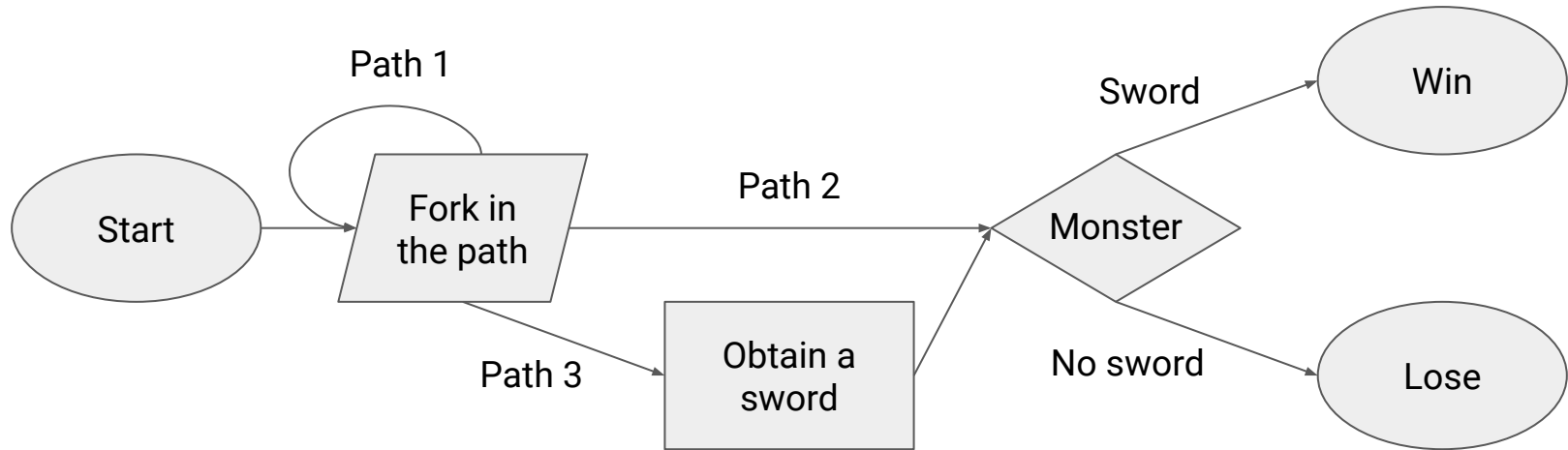
Context



Visual novel



Example

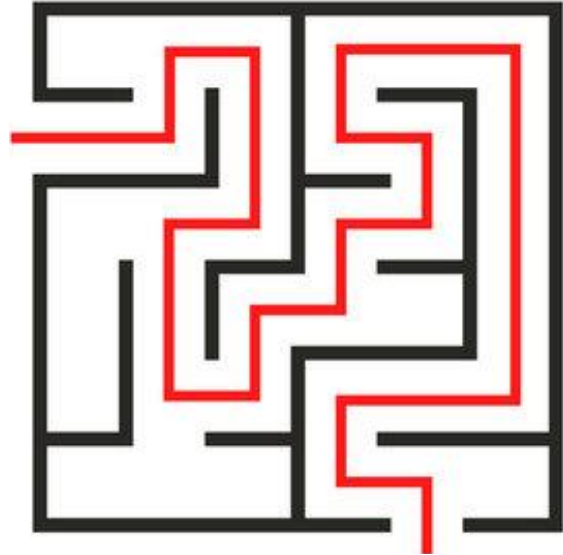


Scope

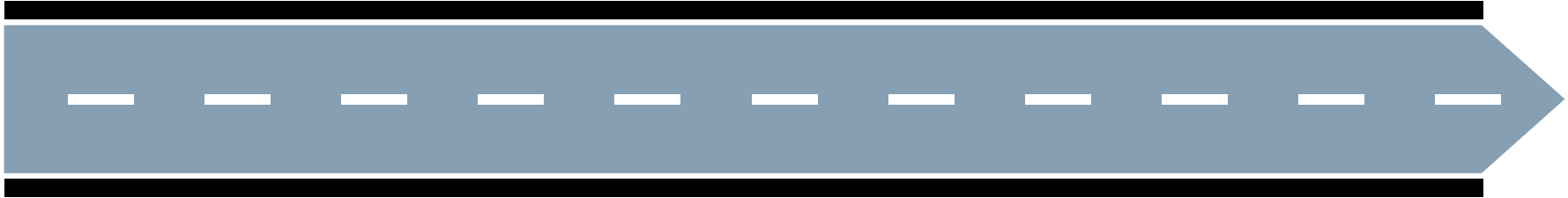
Ren'Py



Walkthrough file



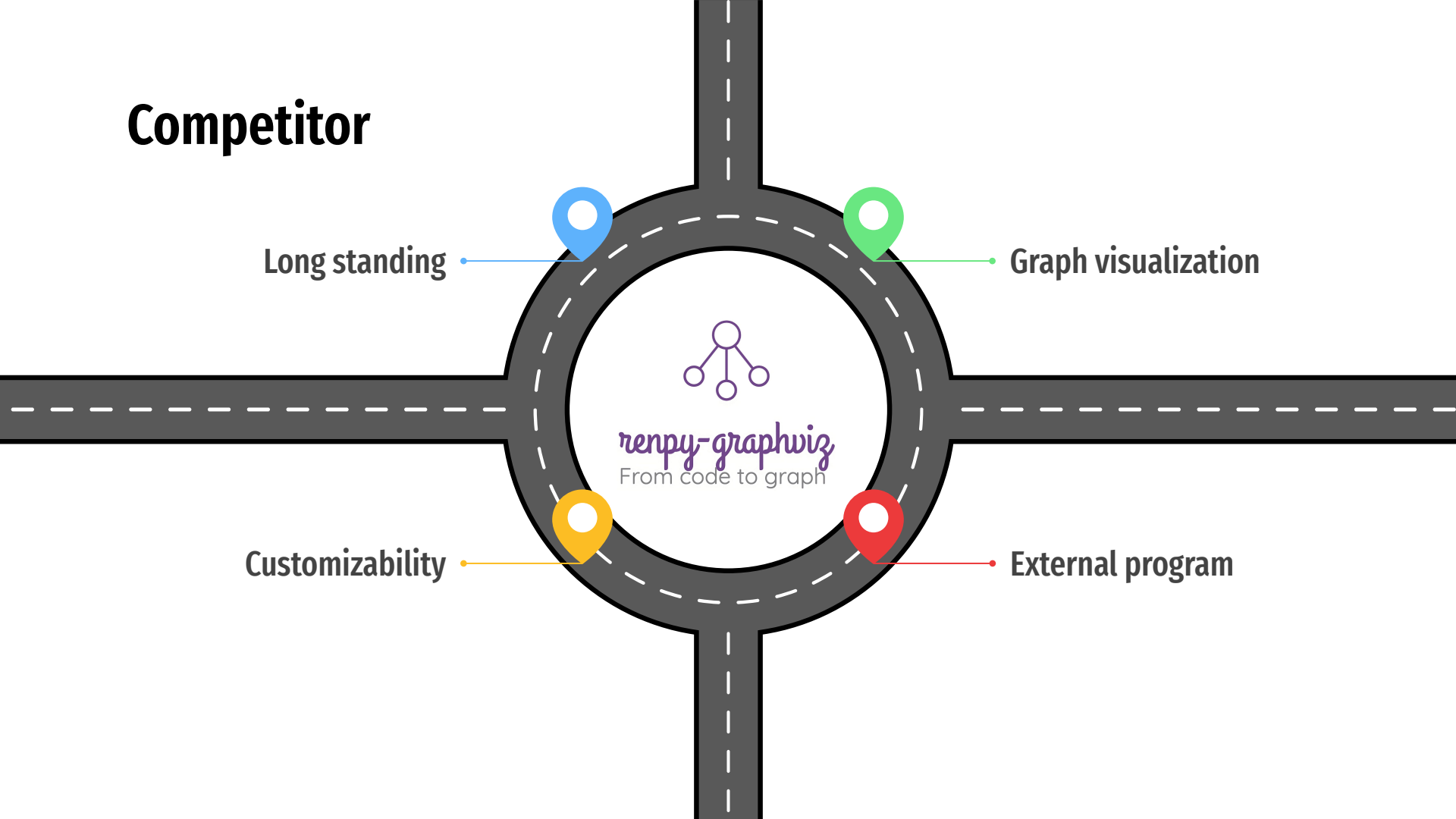
Game engine



Game engine



Competitor



Long standing

Graph visualization

Customizability

External program

renpy-graphviz
From code to graph

Development

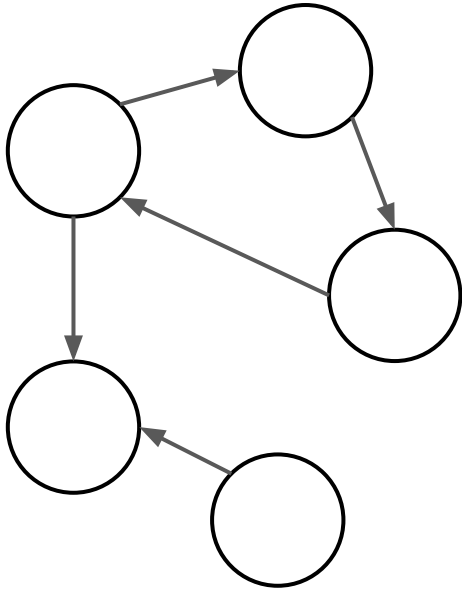
Unexpected requirement



Demo

Current progress

Visualization



Analysis



Next steps



Specifications

And other documents

Feedback

Share with the community

Refactoring

Rewrite the code better

Analysis

The “maze solving” algorithms

More features

User interface, loading from save...



in/léo-chartie
r



leo.chartier@dartybox.co
m



leo-chartier

Context
Scope
Demo
Work methods
Analyse du pilotage et management

Part 1: Sound analyzer

Context: Me trying to make music sheets
Scope: mp3 to sheets -> mp3 to stems -> mp3 to instruments
Competition research (math -> ai)
Dataset selection
Wing it + no planning (Agile + no schedule constraints)
Development issues

Part 2: Renpath

Lessons learned
-> Continuous testing, Incremental progress, Scope creep, Resilience
Context: Me playing a VN and unexpected rollback
Scope: Renpy, Create a walkthrough file
Competition research
-> Only graph, no analysis, external software, must edit code

...

Screens

Part 3: V1 & V2

Demo
Only graph for now
Planning with documents
Refacto & actual analysis