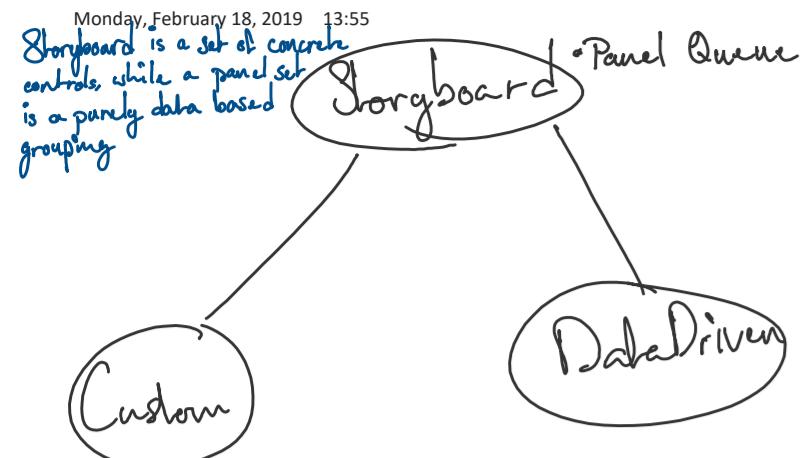
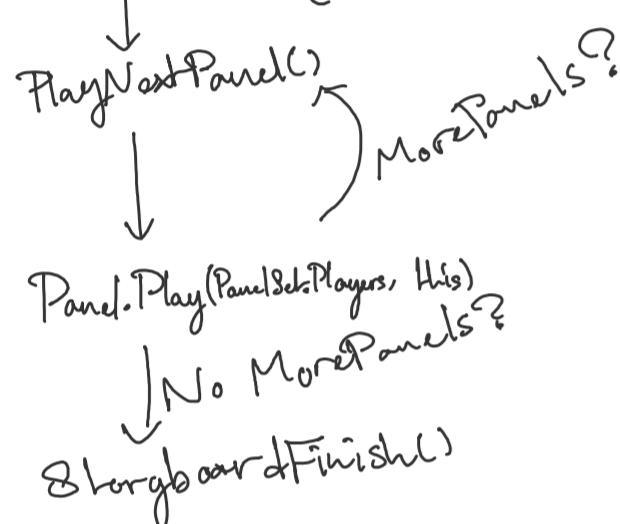


Data Driven Storyboard



- Pre-configured panels
- Tree based arrangement
- Storyboard traverses tree



Can Storyboard and Panel Sets be merged?

- Data Parsing and queuing could be interfaced by the main storyboard queue Singleton

- Queue Singleton could manage a single, reusable Storyboard instances. Optionally, an override storyboard could be passed in as well.

? Something like
StoryboardQueue.Enqueue(data) //Overloaded
- Parse data into Storyboard Data Dictionary
- Initialize DataDrivenBoard with "Intro" Data
- Play and let be
- Kind of heavy (but not really)
- How will Storyboard Data be managed?

- How do generated storyboard's tell the queue manager to use the loaded data with minimal invalidation risk or an unfriendly interface?

- Data could be loaded continuously until the encounter ends. Seems kind of wasteful, but is flexible.

Panel Logic

- > On First Panel
 - > Parse data
 - > Add intro to panel set queue
 - > Return next panel
- > On next panel
 - > If current set in queue has no more panel info
 - > Dequeue
 - > If current in queue is null
 - > return null
 - > Get next panel info from current set in queue
 - > Initialize Panel game object from panel info
 - > Disable unused objects
 - > return panel

Branch Logic

- > On Setup
 - > For each owning player who is alive
 - > get first true condition
 - > add player to branch group
 - > Order branch groups by initiative + base order
 - > Add designated panel set to queue
- What about death logic?
Add base order to data
Add parsing

- Override/Extend HandlePlayerDeath
- Load Appropriate Death Panel Set
- Queue Immediate

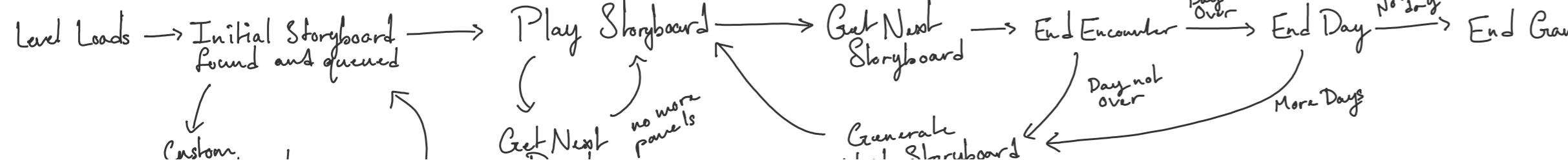
Decision Logic

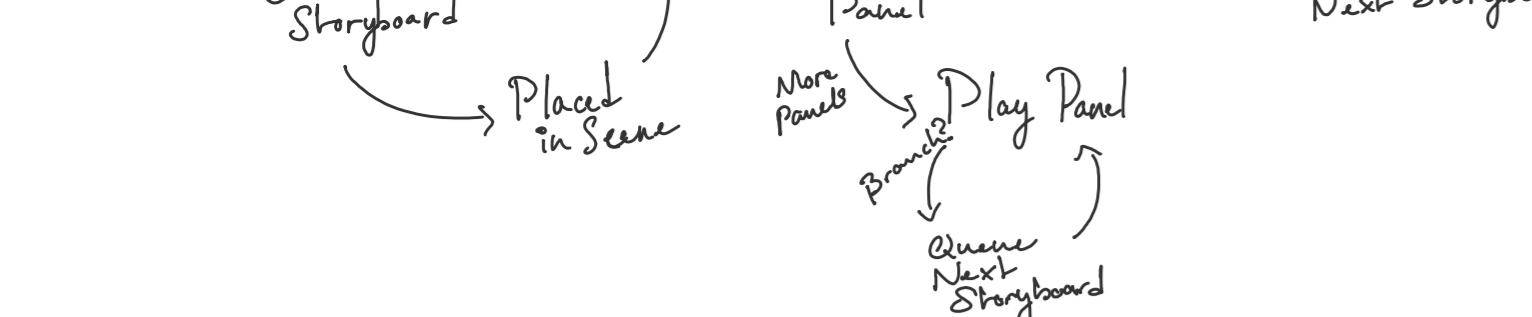
- > Populate Decision Control "Decisions"
 - Decision text
 - On Click => Add player to decision group
 - Condition
- Decision control will have to be modified to remove storyboard assumption
- > Add On Complete Callback
 - ⇒ For each decision group
 - ⇒ If decision has matching Panel Set
 - ⇒ Queue Panel Set with Selecting Players

Narration Panel

- > Populate text and owning players
- > Set Listener control based on length of text { Could try normalizing for non-word text }

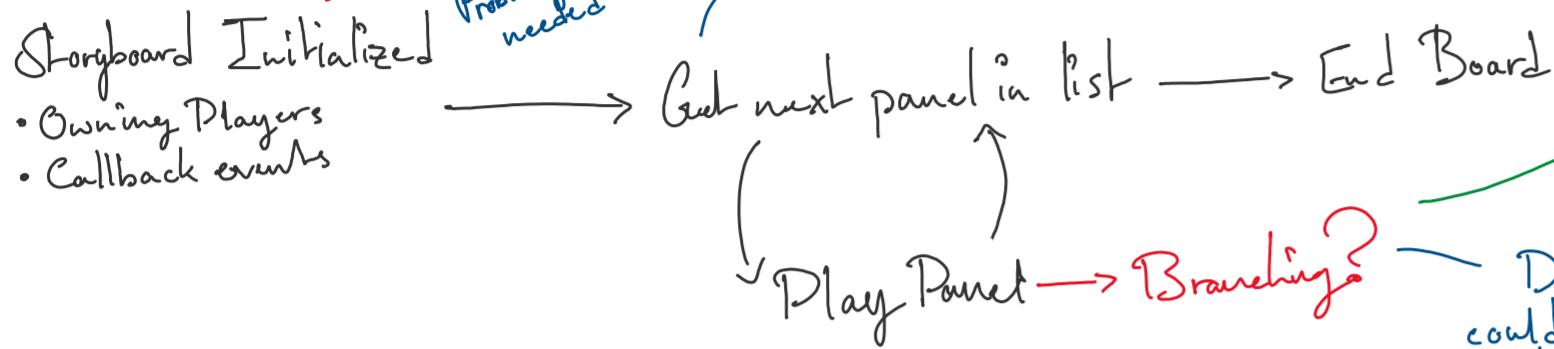
Example Game Flow





Custom SB Flow

- Could implement path merging in SBQ. Before initializing, check if SB is already queued. If so, merge player sets.
- Storyboards will be treated as linear sets of panels.
- Makes sure sets aren't instantiated during queuing. Probably not needed.



Mostly same as before, but now handled by a specialized component which is triggered by events.

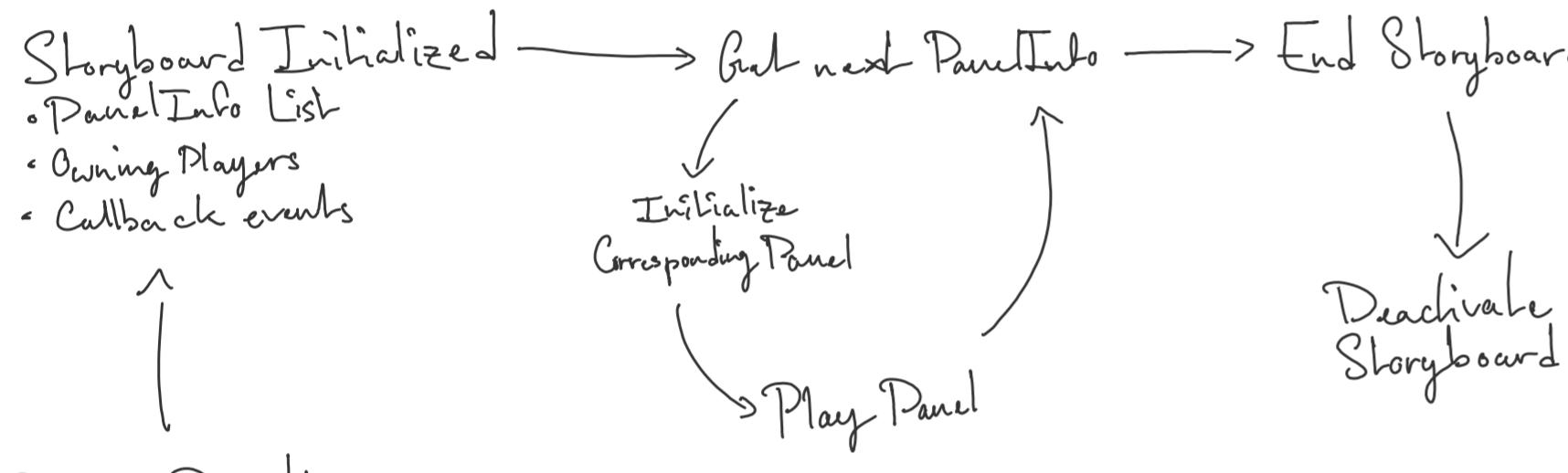
Data-based storyboards could be loaded by a database cache which keys a set of storyboards to the name of the file they're loaded from.

It's a good idea and I like it!

could potentially standardize the interface for loading storyboard data to a URI

This would also allow for DataDriven SBs to refer to Custom ones by URL

Data Driven SB Flow



Retrieve Reusable Storyboard

Even More Detailed Flow?

Storyboard Queue. OnStart()

- Find ObjectsOfType<Storyboard>()
- For each Storyboard
 - Set OwningCharacters to CharacterManager.LivingPlayers
 - Disable Storyboard
 - Enqueue(Storyboard, merge=false)

