

Grameplay Stage:

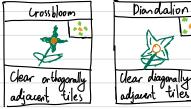
- 1) Since we have a stable sized board $(n \times m)$, we use Rocks to shape the field.
- 2) There are corrupt tiles which need to get purified. -> Grass tiles.

Corruption: Flowers CANNOT be placed on these.

Once all the corruption is gone, the stage

Cross: flower CAN be placed on these,

3) There are Grass tiles which plants can be placed on.





(4)) The player is given exactly enough to solve the puzzle,

Reason: · Player vill not be overwhelmed · Player vill not be hard locked on a stage.

- 5) When a player plays a flower, some tiles are cleared of the corruption, creating more Grass tiles to play on.
- b) Once the entire field is Grass, the storge is heat & player moves on or beats the game.

Intersting extension:

Programatically reverse engineer a puzzle starting from a solution.

User Helping Features:

An Undo Seature:

· We keep a linear flow of cards played, and when "Undo" is hit,

we reset to a previous state with two options;

- We store the state of the board as a bitboard or similar (chess engine style) and change the display to that.

- We store the changes made by a card of the form:

Queue = { post, pos2, pos3, ...}

where

Queue[i] = (x,y) position of the tile to revert

to lorrupt.

Note: We would need to also store the positions the card itself was to edit the board.

Helper Cards: One time use items can be stored in a "helper buffer" of very sew cards.



- These cards are single-use so they take affect immidiatly and do NOT take up board space.
- · Po not transfer between stages and instead, they are created like so:



- Once the level is beat, the player is given a choice of a few of the single-use carols.
- The player has x cards so one full, they must swap them in for another.

This process:

| Unindow | C1 | C2 | C3 | The player drags the card they want to suap out. Otherwise they click and wisting Emply card the emply slot is filled.

Once done, the player goes onto the next stage.