

mmmm

Current ID

00 → 2

10 → 6

20 → 10

Nodes

0

1 0

2 00

3 01

4 02

5 10

6 10

7 11

8 12

9 2

10 20

11 21

12 22

maybe works?

Get depth (d) from story JSON

~~For each digit in current ID~~

~~nodes = 3<sup>d</sup> + 3<sup>d-1</sup> + ... + 3<sup>0</sup>~~

d=0, nodes = 1

d=1, nodes = 4

d=2, nodes = 13

$$\begin{aligned} \text{nodes} &= 3^d + 3^{d-1} + \dots + 3^0 \\ &= \frac{(3^{d+1} - 1)}{2} \end{aligned}$$

$$\text{nodes} = \frac{3^{d+1} - 1}{2} = n$$

for <sup>in</sup> each digit in current ID:  
 counter += digit \* (node / 3<sup>d-i</sup>) + 1  
 storyData[counter] is the desired node  
 given the string current ID