

<i>p</i>	<i>link[p]</i>	<i>ch[p]</i>	<i>sibling[p]</i>	<i>count[p]</i>	<i>Word</i>
0	0	hdr	↑ 26		
1	2014	↑ 1	↑ 0		a
2	1000	2	↑ 1		b
3		3	↑ 2		c
1000	2	hdr	↑ 1005		
1001					
1002					
1003					
1004					
1005	2000	5	↓ 1000		be
2000	1005	hdr	↑ 2021		
2014	1	↓ hdr	↑ 2020		
2015	3000	15	↑ 2000		ben
2016					
2017					
2018					
2019					
2020	4000	6	↓ 2014		af
2021		20	↓ 2015		bet
3000	2015	hdr	↑ 3021		
3021	0	21	↓ 3000		bent

Figure 4: Example hash trie [Bentley 86](p 479)

## 8.1 Cell-Ids Refined

~~The cellids now become natural numbers with a certain numerical relationship among the parent and children. Suppose the cellids  $u$  and  $v$  are siblings. Let  $acn$  be a function, yet to be discussed, that maps cellids of the preceding section to cell numbers. We will select the mapping  $acn$  in such a way that the integer~~