

THE BRADY BUNCH:				d.Snake starts at Alice then goes right to Peter, then down to Bobby, and around to Greg								d.Marcia			d.Greg			
Marcia	Carol	Greg		d.Peter is for horizontal connections. It will have 3 ranks: M-C-G, J-A-P, C-M-B								1	2			2	1	
Jan	Alice	Peter		d.Carol is for vertical connections. It will have 3 ranks: M-J-C, C-A-M, G-P-B								3	1	2		2	1	3
Cindy	Mike	Bobby		d.Marcia is for diagonal connections on a backslash: \ It will have 3 ranks - see diagram:									3	1		1	3	
				d.Greg is for diagonal connections on a forward slash: / It will have 3 ranks - see diagram:														
Orange cells indicate Primary Keys																		
Blue cells indicate cells which get superseded by later cells with higher version numbers																		
Tumbler indicates permanent address of cell (ex:hyperdrive+directory or IPFS address), and is optionally like a clustered index, in this case, maintaining an alphabetical sorted tree as cells are inserted.																		
CELLS				DIMENSIONS			CELL CONNECTIONS WITHIN DIMENSIONS: pairs of rows maintain bidirectional links											
Cell ID	Version	Tumbler	Contents	Dim ID	Version	Cell ID	DimensionID	Cell ID	Version	Neg Cell ID	Pos Cell ID	Notes:						
1	2.0	1	Alice	1	1	2	1	1	1	NIL	3	d.Snake: Alice pos Peter						
2	1	1.0.1	d.Snake	2	1	4	1	3	1	1	NIL	d.Snake: Peter neg Alice						
3	1	2.1	Peter	3	1	6	2	1	1	NIL	3	d.Peter: Alice pos Peter						
4	1	1.0.2	d.Peter	4	1	7	2	3	1		1	NIL	d.Peter: Peter neg Alice					
5	1	2.0.1	Bobby	5	1	9	1	3	2		1	5	d.Snake: Peter pos Bobby					
6	1	1.0.3	d.Carol				1	5	1		3	NIL	d.Snake: Bobby neg Peter					
7	1	1.0.4	d.Marcia				3	3	1	NIL		5	d.Carol: Peter pos Bobby					
8	1	2.0.2	Mike				3	5	1		3	NIL	d.Carol: Bobby neg Peter					
9	1	1.0.5	d.Greg				4	1	1	NIL		5	d.Marcia: Alice pos Bobby					
10	1	2.0.1.1	Cindy				4	5	1		1	NIL	d.Marcia: Bobby neg Alice					
11	1	2.0.1.2	Jan				1	5	2		3	8	d.Snake: Bobby pos Mike					
12	1	2.0.1.3	Marcia				1	8	1		5	NIL	d.Snake: Mike neg Bobby					
13	1	2.0.1.0.1	Carol	(Note: Last digit never zero)			2	8	1	NIL		5	d.Snake: Mike pos Jan					
14	1	2.0.1.1.1	Greg				2	5	1		8	NIL	d.Peter: Bobby neg Mike					
							3	1	1	NIL		8	d.Carol: Alice pos Mike					
Depth first search:				2.0		Alice	3	8	1		1	NIL	d.Carol: Mike neg Alice					
		2.0.1	Bobby				5	8	1	NIL		3	d.Greg: Mike pos Peter					
		2.0.1.0.1	Carol				5	3	1		8	NIL	d.Greg: Peter neg Mike					
		2.0.1.1	Cindy				1	8	1	NIL		10	d.Snake: Mike pos Cindy					
		2.0.1.1.1	Greg				1	10	1		8	NIL	d.Snake: Cindy neg Mike					
		2.0.1.2	Jan				2	10	1	NIL		8	d.Peter: Cindy pos Mike					
		2.0.1.3	Marcia				2	8	2		10	5	d.Peter: Mike neg Cindy					
		2.0.2	Mike				5	10	1	NIL		1	d.Greg: Cindy pos Alice					
		2.1	Peter				5	1	1		10	NIL	d.Greg: Alice neg Cindy					
							1	10	2		8	11	d.Snake: Cindy pos Jan					
							1	11	1		10	NIL	d.Snake: Jan neg Cindy					
							2	11	1	NIL		1	d.Peter: Jan pos Alice					
							2	1	2		11	3	d.Peter: Alice neg Jan					
							3	11	1	NIL		10	d.Carol: Jan pos Cindy					
							3	10	1		11	NIL	d.Carol: Cindy neg Jan					
							4	11	1	NIL		8	d.Marcia: Jan pos Mike					
							4	8	1		11	NIL	d.Marcia: Mike neg Jan					
							1	11	2		10	12	d.Snake: Jan pos Marcia					
							1	12	1		11	NIL	d.Snake: Marcia neg Jan					
							3	12	1	NIL		11	d.Carol: Marcia pos Jan					
							3	11	2		12	10	d.Carol: Jan neg Marcia					
							4	12	1	NIL		1	d.Marcia: Marcia pos Alice					
							4	1	2		12	5	d.Marcia: Alice neg Marcia					