

Indice	SA_T	F_T	BWM_T	BWT_T
0	11	\$	\$mississippi	i
1	10	i	i\$mississipp	p
2	7	i	ippi\$mississ	s
3	4	i	issippi\$miss	s
4	1	i	ississippi\$m	m
5	0	m	mississippi\$	\$
6	9	p	pi\$mississip	p
7	8	p	ppi\$mississi	i
8	6	s	sippi\$missis	s
9	3	s	sissippi\$mis	s
10	5	s	ssippi\$missi	i
11	2	s	ssissippi\$mi	i

The diagram illustrates the relationship between different data structures for the string "mississippi". The columns represent: Indice (Index), SA_T (Suffix Array), F_T (Factor Array), BWM_T (Backward Word Matrix), and BWT_T (Backward Word Tree). The rows correspond to the indices 0 through 11. The BWM_T column shows the string "mississippi" shifted and padded with '\$' to match the length of the suffixes. The BWT_T column shows the characters of the string in reverse order, also padded with '\$' to match the length of the suffixes. Colored lines connect the characters in F_T to their corresponding positions in BWT_T : blue lines for 'i', orange lines for 'p', green lines for 's', a red line for 'm', and a black line for '\$'.