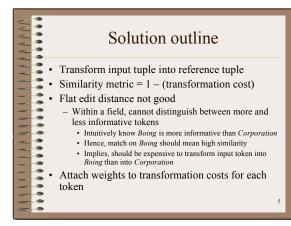
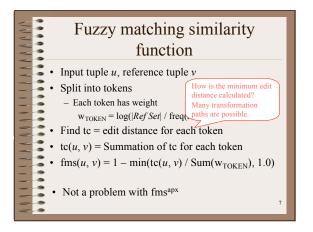




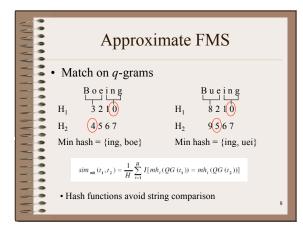
<u> </u>	Challenges	
	 Scalability Reference table can be very large Volume of input tuples can be very large Domain specific enhancements should be possible to add Should be able to build upon existing relational DBMS No complex data structures for persistence 	4



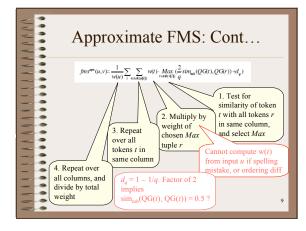
Solution outline: Cont
 Use inverse token frequency for weight assignment Tokens like <i>Boing</i> occur less than tokens like <i>Corporation</i> Just a heuristic – pathological cases can exist Optimizations Do not compute <i>exact</i> transformation cost Match on sets of substrings instead Design efficient index on reference table



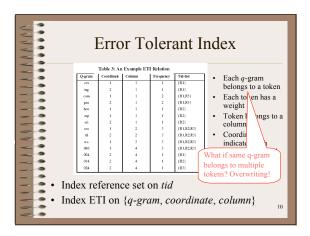




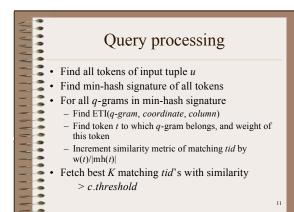


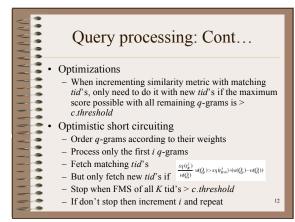












	Extensions	
	 Consider token as another <i>q</i>-gram Split importance equally among itself and its min-hash signature Assign weights to columns Domain dependant Token transposition 	
0000		13

