























Prioritization Algorithm



Input: TextLists act of texts	Test	Blocks .	
Coverage (t) : set of blocks covered by test t ImmactedBlkSet: set of new and old modified blocks	t1	b2,b7	
impacted shows set of new and one mounded observe	t2	b1,b2,b3,b8	
Output: a set of sequences Seq	t3	b7	
Algorithm: while (any t in TestList covers any block in ImpactedBlkSet)	t4	b6	
{ CurrBlkSet = ImpactedBlkSet	t5	b1,b2,b5	
Start a new sequence Seq while (any t in TestList covers any block in CurrBlkSet }	t6	b4,b5	
for each t in TestList compute { Weight(t) = count[CurrBlkSet ∩ Coverage(t)]	Impacted: b1,b2,b4,b7,b8		
Select test t in TestList with maximum weight	Seq1: t2 t1	t6	
Remove t from TestList	Seg2: t5 t3	}	
CurrBlkSet = CurrBlkSet – Coverage (p)	Seg3: t4		
}	0040. (1		
Put all remaining tests in TestList in a new sequence Seq			















Image Info		Results		
	Build 2411.1	Build 2529.0		070
			Impacted Blocks	378 (220 New, 158 OC
Date	12/11/2000	01/29/2001		
Functions	31,020	31,026	Likely Covered by existing tests (LC)	176 Blocks
Blocks	668,068	668,274	Traces needed to	<u>16 Traces</u>
File size	8,880,128	8,880,128	cover LC (Set 1)	
PDB size	22,602,752	22,651,904	Number of coto in	1,225
Number of Traces	3,128	3,128	prioritized list	







