

		Defect Origin						
Where Found		High Level	Low Level		Com-ponent			
	RQ	Design	Design	Code	Unit Test	Test	System Test	Field
	RQ	--						0
	I0	49	681					730
	I1	6	42	681				729
	Code	12	28	114	941			1095
	UT	21	43	43	223	2		332
	CT	20	41	61	261	--	4	387
	ST	6	8	24	72	--	--	111
	Field	8	16	16	40	--	--	81
Total	122	859	939	1537	2	4	1	3465

RQ =

(0/ (122 + 0)) \* 100

=

0 %

I0 =

(730 / (859 + (122 - 0)) \* 100

=

74.41 %

I1 =

(729 /(939 + ((859 + 122) - (730 + 0))) \* 100

=

61.26 %

Code =

(1095 /(1537 + (939 + 859 + 122) - (729 + 730 + 0)) \* 100

=

54.8 %

UT =

(332 /(2 + (1537 + 939 + 859 + 122) - (1095 + 729 + 730 + 0)) \* 100

=

36.69 %

CT =

(387/(4 + (2+1537+939+859+122) - (332+1095+729+730+0)) \* 100

=

67.07 %

ST =

(111 /(1 + (4+2+1537 + 939 + 859 + 122) - (387 + 332 + 1095 + 729 + 730 + 0)) \* 100

=

58.12 %

Field =

(81 /(1 + (1+4+2+1537 + 939 + 859 + 122) - (111 + 387 + 332 + 1095 + 729 + 730 + 0)) \* 100

=

100 %

Total =

( 1+1+4+2+1537 + 939 + 859 + 122) / (111 + 387 + 332 + 1095 + 729 + 730 + 0)) \* 100

=

100 %

Overall

Efficenecy of

them

RQ+I0+I2+code

( 1537 + 939 + 859 + 122) / (1095 + 729 + 730 + 0)) \* 100

73.88%