

W2	Reporter provides observed and expected behaviour.
Building Blocks	SYMBIOSIS
	Analysis
Motivation	Programmers need to know exactly what should be the correct behaviour, otherwise the fix could mismatch the expectations of the user.
Desired Psychology	Since this is a very important information, reporter users should be pushed to provide it without they really realize it.
	Implementation
Actors	The system.
Dynamics	Filling a form with tagged fields is equal to answering to a quiz, intrinsically a kind of game.
Meta	In the form to insert a new bug, put two extra fields labeled: “OBSERVER BEHAVIOUR” and “EXPECTED BEHAVIOUR”.
Potential Conflicts	The system should allow to submit the bug report also without providing these information.
	Test
Test Set	Two samples of bug reports of equal size: one written without the two additional fields (sample1), and one with them (sample2).
Methodology	<ol style="list-style-type: none"> 1. Compute the number of reports that include spontaneously an observed and expected behavior in sample1. 2. Compute the number of reports that include them with inductive tactics in sample2. 3. If <code>#insertion_sample1 < #insertion_sample2</code>, the additional two fields worked.
Expected Results	<ul style="list-style-type: none"> • Since it is one of the most provided information, probably there should be only a small improvement by using the fields. Anyway the expected result is: • <code>#insertion_sample1 < #insertion_sample2</code>.
Actual Results	Expected results confirmed: YES/NO.