



























Zeller ¹⁶



Observed Behavior • The *symptoms* of the problem — in contrast to the expected behavior The program crashed with the following information: *** STACK DUMP OF CRASH (LemonyOS) Back chain ISA Caller SPC ØBA8E574 00000000 03EADF80 SPC 0B742428 03EADF30 SPC 0B50FDDC PrintThePage+072FC SnicketPC unmapped memory exception at 0B512BD0 PrintThePage+05F50 Feb 9, 2017 Sprenkle - CSCI397 Zeller 18











Zeller ²⁴











Summary

Summary

- Reports about problems encountered in the field are stored in a problem database
- A problem report must contain everything relevant to reproduce the problem
- It is helpful to set up a standard set of items that users must provide (product release, operating environment...)

Sprenkle - CSCI397

Zeller 30

Zeller 32

Problem Reports Summary • An effective problem report... \geq is well-structured

 \geq is reproducible

Feb 9, 2017

> has a descriptive one-line summary

Sprenkle - CSCI397

Zeller ³¹

- \succ is as simple and general as possible
- \succ is neutral and stays with the facts

• A typical problem life cycle starts with an unconfirmed status • It ends with a *closed* status and a specific resolution (such as fixed or worksforme)

Feb 9, 2017

Sprenkle - CSCI397







