Measuring Software Ticket Quality using Quantitative Data Analysis

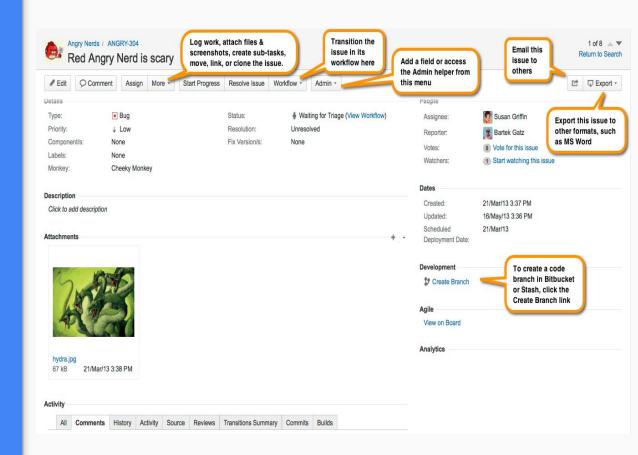
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Introduction

- Software engineering is becoming more complex as technology has become ubiquitous
- Harder to plan, manage and track work during development lifecycle
- Solution? Issue tracking systems!
- Software Tickets are the core component of such systems

Software Tickets

- They have many components: summary, description, attachments, comments...
- They usually come in one of 2 forms: feature requests and bug reports
- However, how can one determine whether they are of High Quality?
- This is what our research contributes to the community



Related Work

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Building the Data Set

 Need of a tool for storing, analyzing, plotting and running statistical tests

The Almighty Ticket Guru



Ticket Guru Flow

