**PART 1 – BUG REPORTS**

**2.**

ID stand for bug identification number.

SEV stand for Severity and it is used to determine how severe the bug is, or whether it’s an enhancement. The range of values is from blocker to enhancement.

Pri stand for Priority and an Engineer used to prioritize their bugs using this field. The range of values is from immediate to Low.

OS stand for operating system and it is the OS the bug was observed on. The range of values is from All to Other.

Product : categorised bugs into products and components. The range of values is from gjs to seed.

Status: is used to determine the number of state of a bug. The range of values is from New to Verified.

Resolution: is a conditional statement used to verify If a bug is in a resolved state or not , then other reasons will be given for its resolution. The range of values is from Incomplete to No TXIMIAN.

Summary : The bug summary is a short sentence which succinctly describes what the bug is about.

3.

I discovered the definitions of the column name in 2 above after clicking on the search after the browse and then hover my mouse over each field label.

4.

The bugs are initially displayed as below

ID

Product

Comp

Assignee

Status

Resolution

Summary

Changed

5.

Red: Bug 782877 – [Regression] Defaults for signing and Encrypting all messages are ignored for some accounts. All the fields’ record is in red colors.

Gray: Bug 782774 – kmssink: drop last rendered buffer on ALLOCATION and DRAIN queries. All the fields’ record is in gray colors.

Black: BUG 782829 – on a virtual machine(Virtualbox), gedit cannot safe opened files on the shared folder. All the fields’ record is in black colors.

6.

Bug 764211

1. Bug was submitted on 2016-03-25 by Mortem Welinder
2. Recent discussion on the bug is the lack of transport layer encryption and the Simple mail transfer protocol(SMTP) used by the GNOME contributor is not supporting transport layer session (TLS)
3. The bug is current
4. The bug is assigned to GNOME sysadmins
5. I will write a code to encrypt the mail

Part two – Collective Reports

3. i. The bug reports opened last week is 110

ii. The bug reports closed last week is 66

4a. GStreamer product was the most opened bug reports last week and the least opened bug reports are banshee, empathy and gnome-panel product.

b. More bugs were opened than closed in Nine(9) products.

5.i. The top three bug closers are Nick wellnhofer, Jeremy Bicha and Mathias Clasen.

ii.

1. i. The top three bug reporters are Jeremy Bicha, Bastien Nocera and Piotr Drag.

ii. No

iii.Jeremy Bicha is the overlap on the lists.

1. The top three contributors of patches are Debarshi Ray, Jeremy Bicha and followed by Victor Manuel Jaquez Leal, Mohammed Sadiq, Phillip Chimento, Georges Basile Stavracas Neto.
2. i. the top three reviewers of patches are Florian Mullner, Rui Matos and Georges Basile Stavracas neto.

ii. There is no overlap between the top three reviewers of patches, the top three bug closers and the top three bug reporters.

iii. the overlap between the patch contributors and the patch reviewers is Georges basile Stavracas Neto.

11. The majority of the bugs for braille are in Normal.

12. I can generate reports on line, table and CSV.