

Bioinformatics Lab SS 2013

---

# Web Content Management Systems

---

Sonja Ansorge

11. 6. 2013

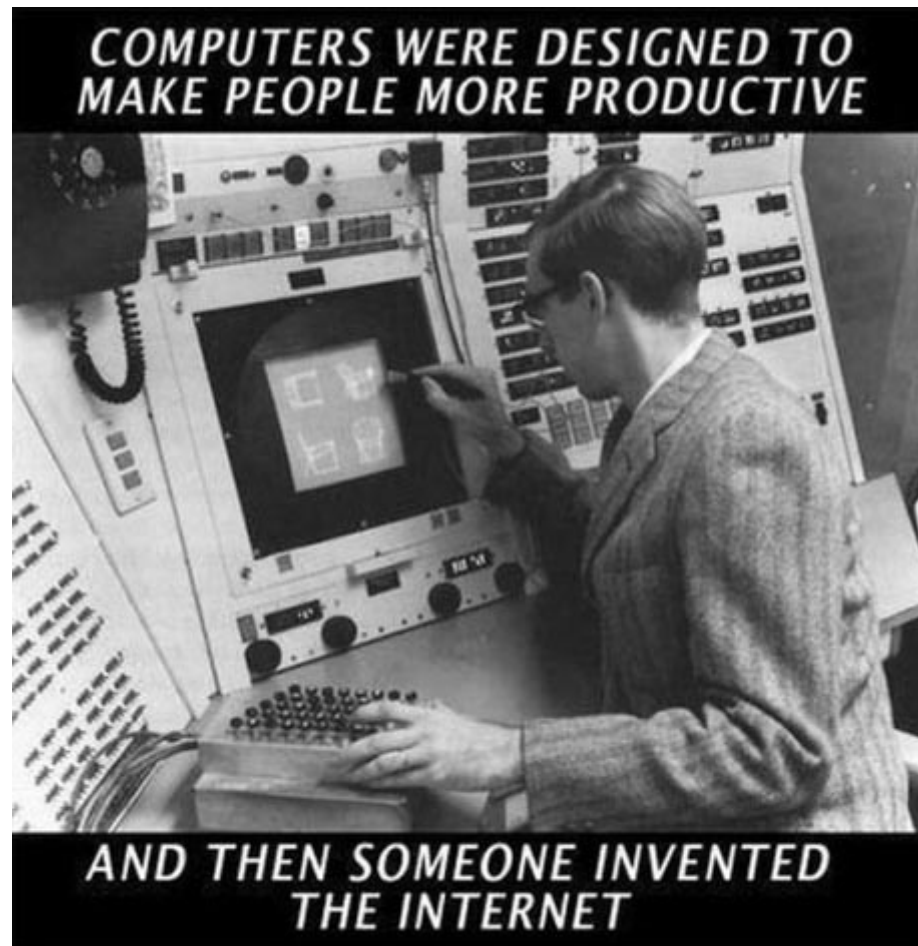
# Overview

---

1. Introduction WCMS
2. MediaWiki
3. Drupal
4. Bugzilla

# Web History

---



more awesome pictures at [THEMETAPICTURE.COM](http://THEMETAPICTURE.COM)

# WCMS

---

- Website design
- Content Management
- Access Control
- Scalable feature Set

# MediaWiki



## Designed for:



- Knowledge management
- Open-content
- Large traffic
- Language: Wikitext


## Problems with:

- Blogs/Forums
- Access restriction
- Little memory/disk space
- WYSISWG

# MediaWiki



< > http://sonja.tbl/mediawiki/index.php/Main\_Page  

 [Log in / create account](#)

Page **Discussion** Read **Edit** View history

## Main Page


**MediaWiki has been successfully installed.**  
Consult the [User's Guide](#) for information on using the wiki software.

### Getting started [edit]

- [Configuration settings list](#)
- [MediaWiki FAQ](#)
- [MediaWiki release mailing list](#)

This page was last modified on 10 June 2013, at 16:04.  
This page has been accessed 2 times.

[Privacy policy](#) [About sonjawiki](#) [Disclaimers](#)



Navigation

[Main page](#)  
[Community portal](#)  
[Current events](#)  
[Recent changes](#)  
[Random page](#)  
[Help](#)

Toolbox

[What links here](#)  
[Related changes](#)  
[Special pages](#)  
[Printable version](#)  
[Permanent link](#)

# Drupal



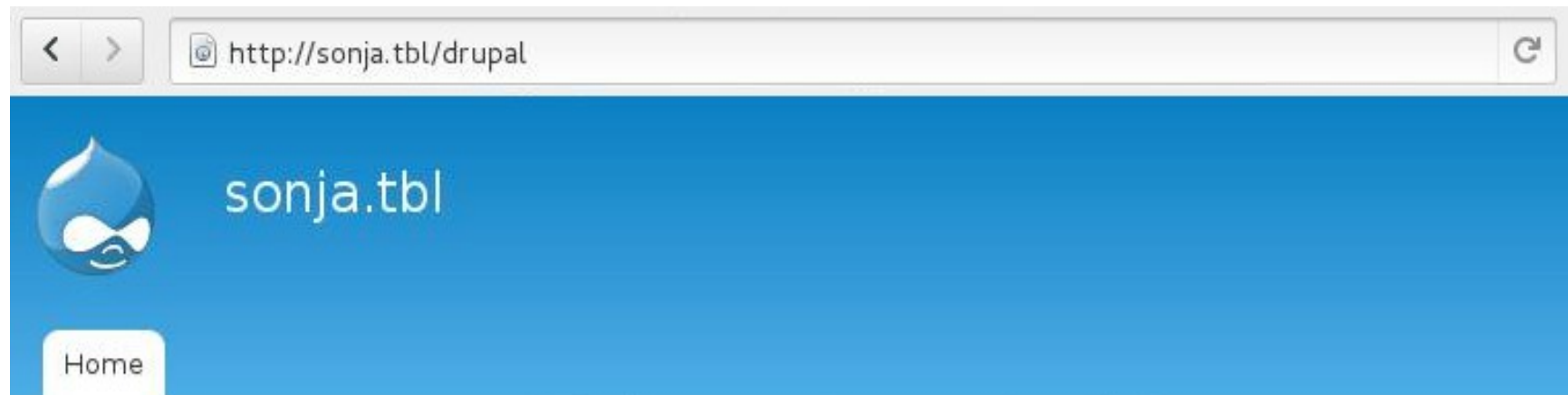
## Designed for:

- Broad applications
- Modules
- Complex pages
- High security

## Problems with:

- Specialized Applications
- Small core
- Difficulty

# Drupal



User login

**Username \***

**Password \***

- [Create new account](#)
- [Request new password](#)

Log in

## Welcome to sonja.tbl

No front page content has been created yet.



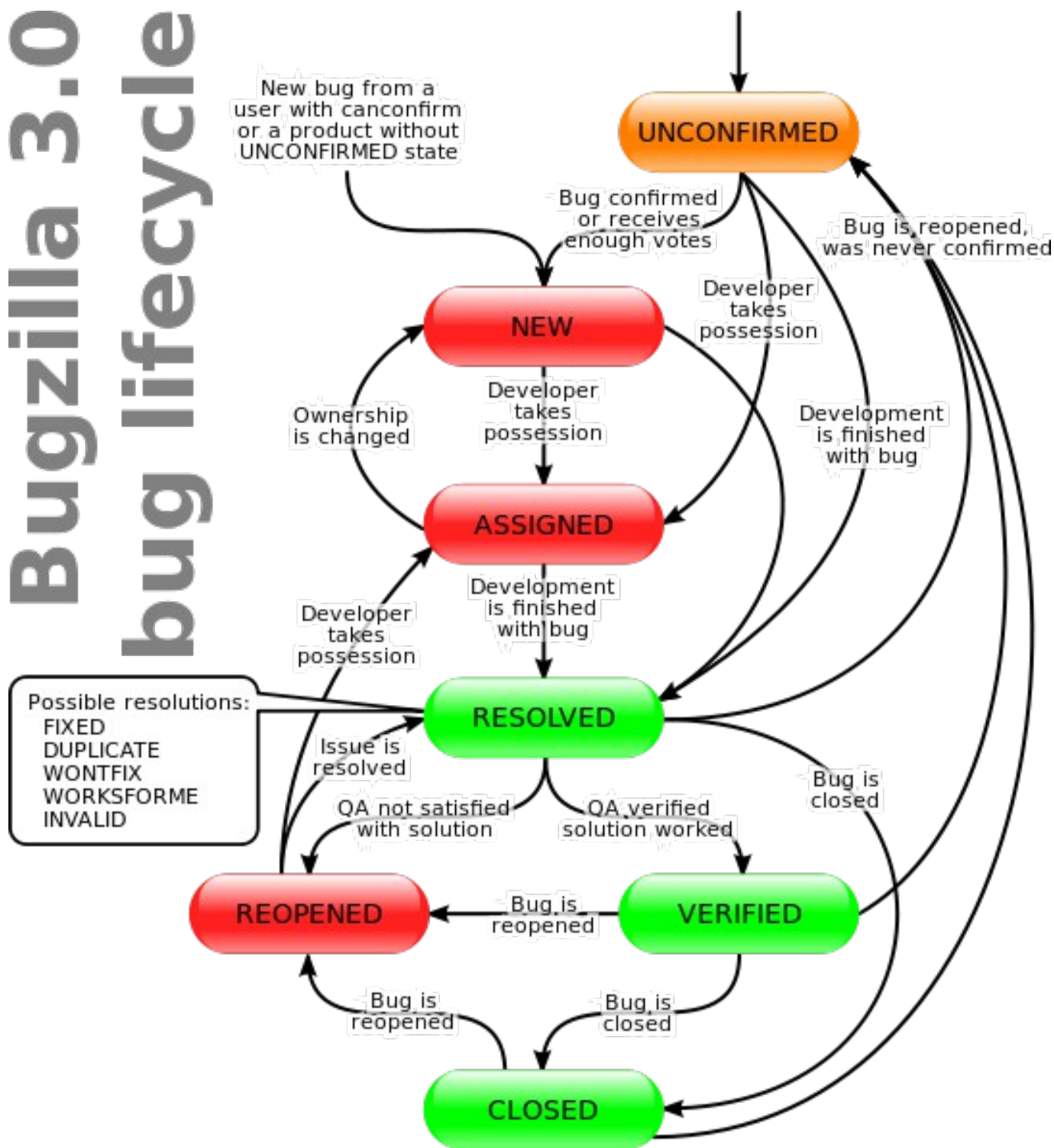
# Bugzilla



- Track bugs and code changes
- Communicate with teammates
- Submit and review patches
- Manage quality assurance

→ works for general request tracking, too

# Bugzilla 3.0 bug lifecycle



# References

---

- [1] Mediawiki documentation  
(<http://www.mediawiki.org/wiki/Installation>)
- [2] Drupal Documentation  
(<http://drupal.org/documentation>)
- [3] Understanding Key Concepts in Drupal  
<http://drupalize.me/videos/understanding-drupal>
- [3] Bugzilla documentation  
(<http://www.bugzilla.org/docs/>)

---

Thank you for your attention !  
Questions?

---

# WCMS

---

- Website design
  - Templates
  - No programming/HTML knowledge necessary
  - What you see is what you get (WYSIWYG)

# WCMS

---

- Content Mangement
  - Versioning
  - Archiving
  - Database

# WCMS

---

- Access Control
  - User groups
  - Permissions
  - Delegation
  - Workflow
  - Security

# WCMS

---

- Scalable feature set
- Often free
- Big community
- Regular updates