

OSU University Housing & Dining Services  
Oregon State University

## Open Source Technology: The Future of Housing Information Systems

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## Who Are We?



- Housing IT Managers
- Web Specialists
- Assignments Coordinators
- Systems Managers
- Housing Officers
- Programmers and Analysts
- Residence Life Professional



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## Who Do We Represent?

- Public Institution
- Private Institution
- Capacity over 2500 beds
- Capacity under 2500 beds



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## Unique Needs of OSU

Assignments

- Application logistics
- When to assign
- Balancing customer desires with University needs
- No Live-on requirement

Room Changes

- When do we allow them to move
- Conduct vs. resident desire – where is the priority?
- No Live-on requirement



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## What are the unique needs of your Institution?


Assignments      Room Changes




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## What Information System Do you Use at your Institution?






- CBORD
- RMS
- StarRez
- Adirondack Solutions
- Banner
- Other







## What do we all need from an Information System?

### Assignments

- Ability to balance multiple needs (of institution and students)
- Intuitive process
- User friendly

### Room Changes

- Accurate rosters
- Online roomcard, room check out and in system
- Automatic notification system for room change approval, room cleaning, etc



## What is Open Source?

Open Source is a set of principles and practices that promote access to the design and production of goods and knowledge. The term is most commonly applied to the source code of software that is available to the general public with relaxed or non-existent intellectual property restrictions. This allows users to create software content through incremental individual effort or through collaboration.



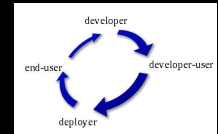
## Principles

- No restrictive licensing agreements
- User needs met
- Collaborative development
- Peer review
- Transparency



## What does open source technology mean for us in Higher Education?

- Financial Implications
- Staff Satisfaction
- New Perspective on Technology



## OSU and Open Source

- Beginning to outgrow current software
- Programming staff
- Open Source Lab on campus
- Streamlining systems and procedures



## Tillikum Project

- What does Tillikum mean?
- Who is involved?
- Project Timeline
- Commitment Level



## Philosophy

- Provide an Open Source replacement for Oregon State Universities current Housing Information Management System. At every stage Oregon State University Housing and Dining would be the primary customer for this application, however it will be developed with extensibility and flexibility in mind.



## Primary Focus Areas

- Provides information security
- User functionality
- Flexible and dynamic
- Easily maintained
- Well documented
- Product of a community investment



## Tillikum Project

- Tour of the [Tillikum Wiki](#)



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## Benefits for End Users (that's you, RD's)

- Easy to use interfaces
- Program customized to your unique needs
- Process driven information system, as opposed to information system driven processes



## Questions?

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<http://www.tillikum.org>



## Open Source Resources:

<http://www.opensource.org/>

<http://osuosl.org/>

<http://www.oss-watch.ac.uk/talks/2005-03-15-coimbra/index.xml>

<http://groups.google.com/group/tillikum>

