

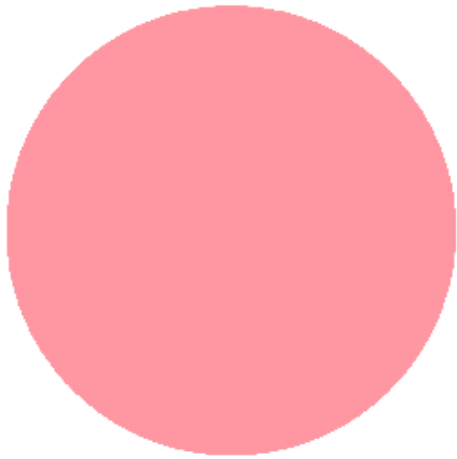
# LCFG in Informatics

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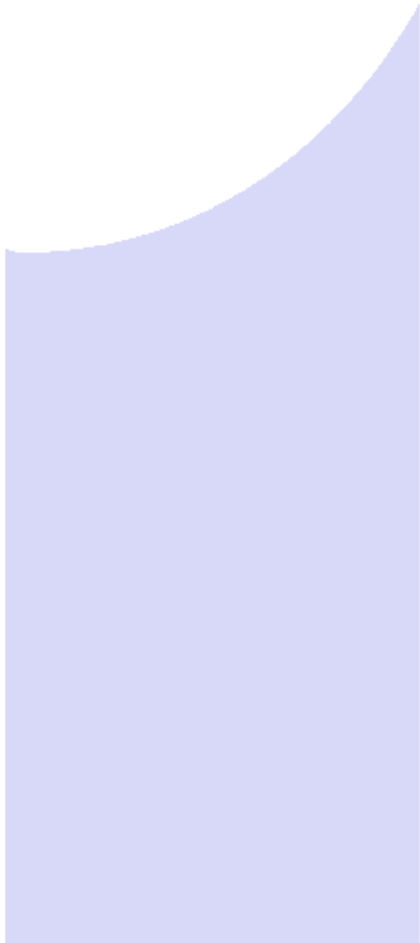
Managed Platform Unit

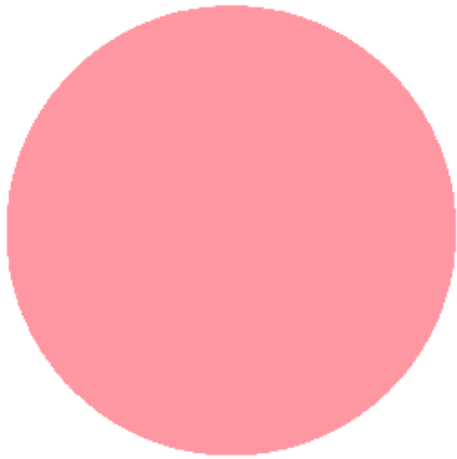
20<sup>th</sup> December 2006



## LCFG managed platform

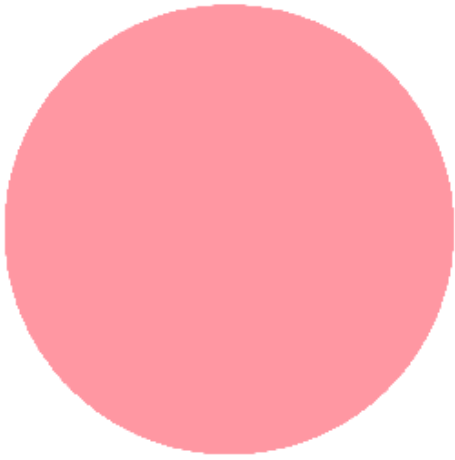
- LCFG core
  - component framework
  - compiler
  - profile distribution
  
- LCFG managed platform (Paul's "prescriptive")
  - LCFG core
  - +
  - components - dns, syslog, fstab, kernel, apache.....
  - software package management (eg RPMs)
  - automated machine installs
  - set of software packages
  - configuration data
  
- Full - FC3, FC5, FC5 (64), Solaris 9
- Partial - Mac OS X





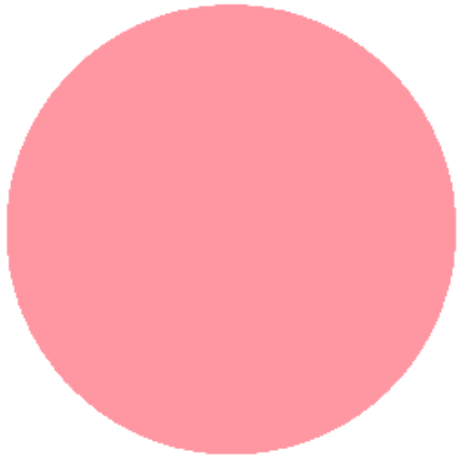
## Platform Layers (or “levels”)

- Layer model for platforms
  - configuration data
  - set of software packages
- Base “LCFG” level
- “ed” level inherits “LCFG” level
- “dice” level inherits “ed” level
- “see” level inherits “ed” level
- “scobies” level inherits “LCFG” level



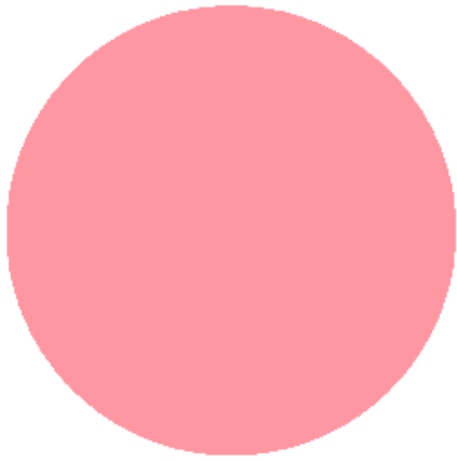
## Annual release cycle

- Informatics policy - ONE managed platform
- Annual release cycle
  - Q1 - develop LCFG layer platform
  - Q2 - develop DICE layer desktop platform
  - Q3 - deploy DICE desktops
  - Q4 - EOL previous platform
- Issues
  - annual not fast enough for some people
  - annual too fast for others
  - review of Informatics' policy.....



## Base Linux distribution

- Informatics Redhat based since 1995
  - Currently Fedora, not RHEL
- Is Fedora the best distribution for
  - Informatics teaching/research ?
  - other schools?
  - servers ?
- Unlikely review until 2008



## The next year.....

- FC5 64bit available early 2007
- Starting work on FC6 in new year, with LCFG layer ready by end March.