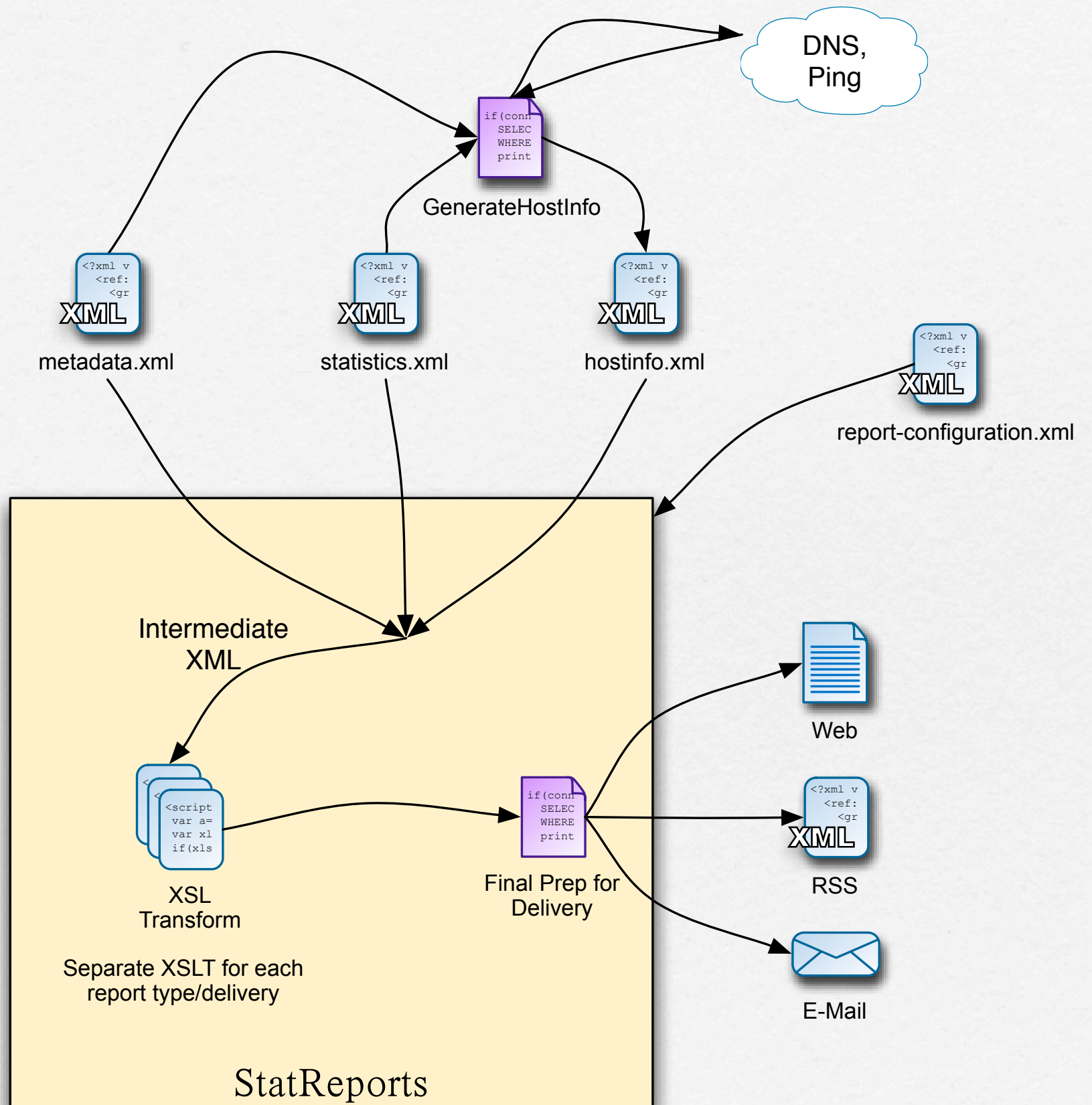


BCFG2 Reports

August 4, 2005

Joey Hagedorn
hagedorn@mcs.anl.gov

How Reports are Generated



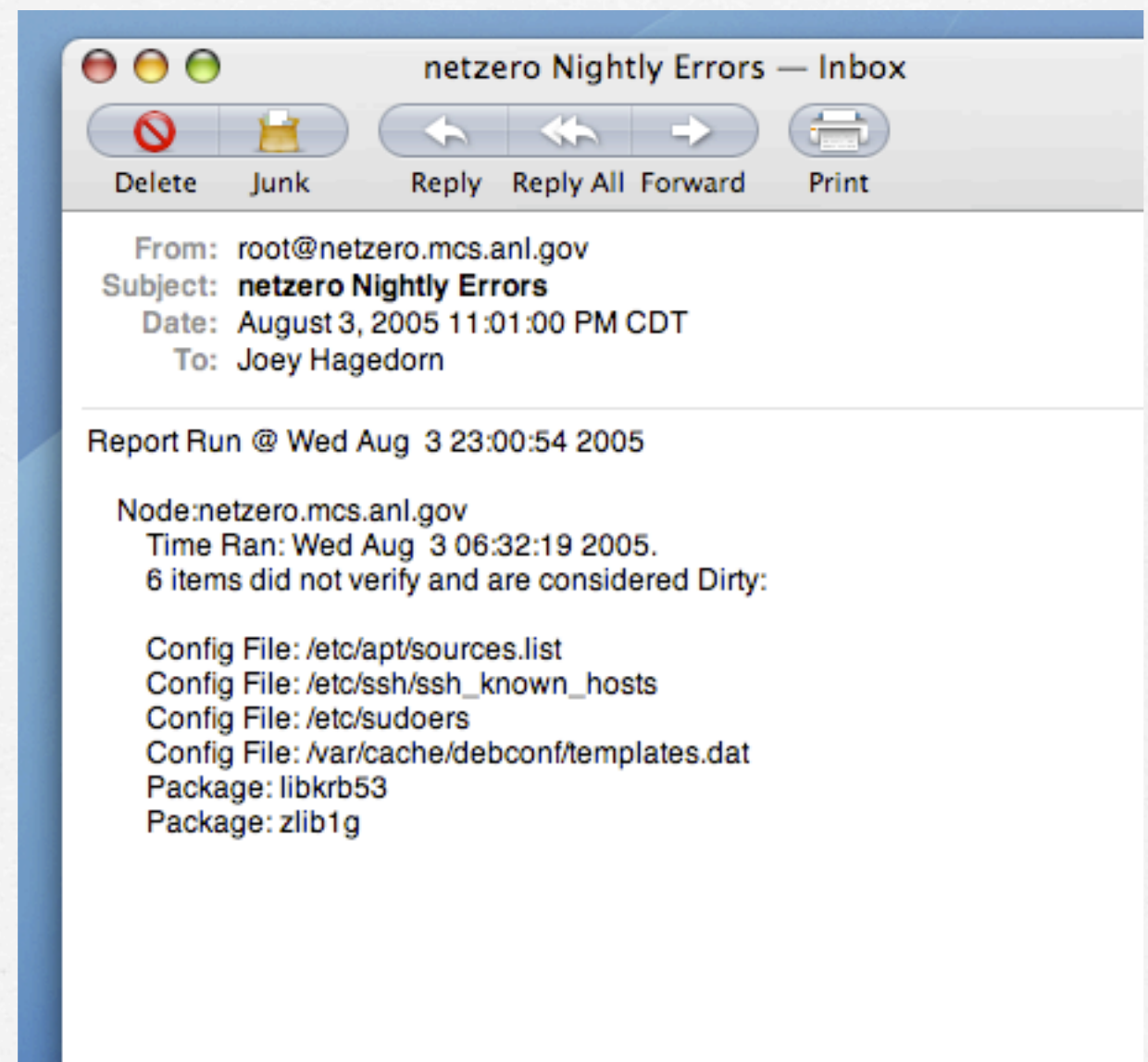
report-configuration.xml

- Your interface to BCFG Reports
- Reports based on sets of Computers
- Each report can have multiple delivery mechanisms, and each mechanism multiple destinations

```
<Reports>
  <Report name='B-machines' good='Y' modified='Y'>
    <Delivery mechanism='rss' type='nodes-digest'>
      <Destination address='/var/www/one.rss' />
    </Delivery>
    <Delivery mechanism='www' type='nodes-digest'>
      <Destination address='/var/www/one.html' />
    </Delivery>
    <Machine name='b.*' />
  </Report>
  <Report name='Overall-Statistics'>
    <Delivery mechanism='www' type='overview-stats'>
      <Destination address='/var/www/statistics.html' />
    </Delivery>
    <Machine name='.*' />
  </Report>
  <Report name='What I Care About' good='N' modified='N'>
    <Delivery mechanism='mail' type='nodes-digest'>
      <Destination address='hagedorn@mcs.anl.gov' />
    </Delivery>
    <Machine name='terra' />
    <Machine name='harley' />
    <Machine name='crunch' />
    <Machine name='smash' />
    <Machine name='netzero' />
  </Report>
</Reports>
```

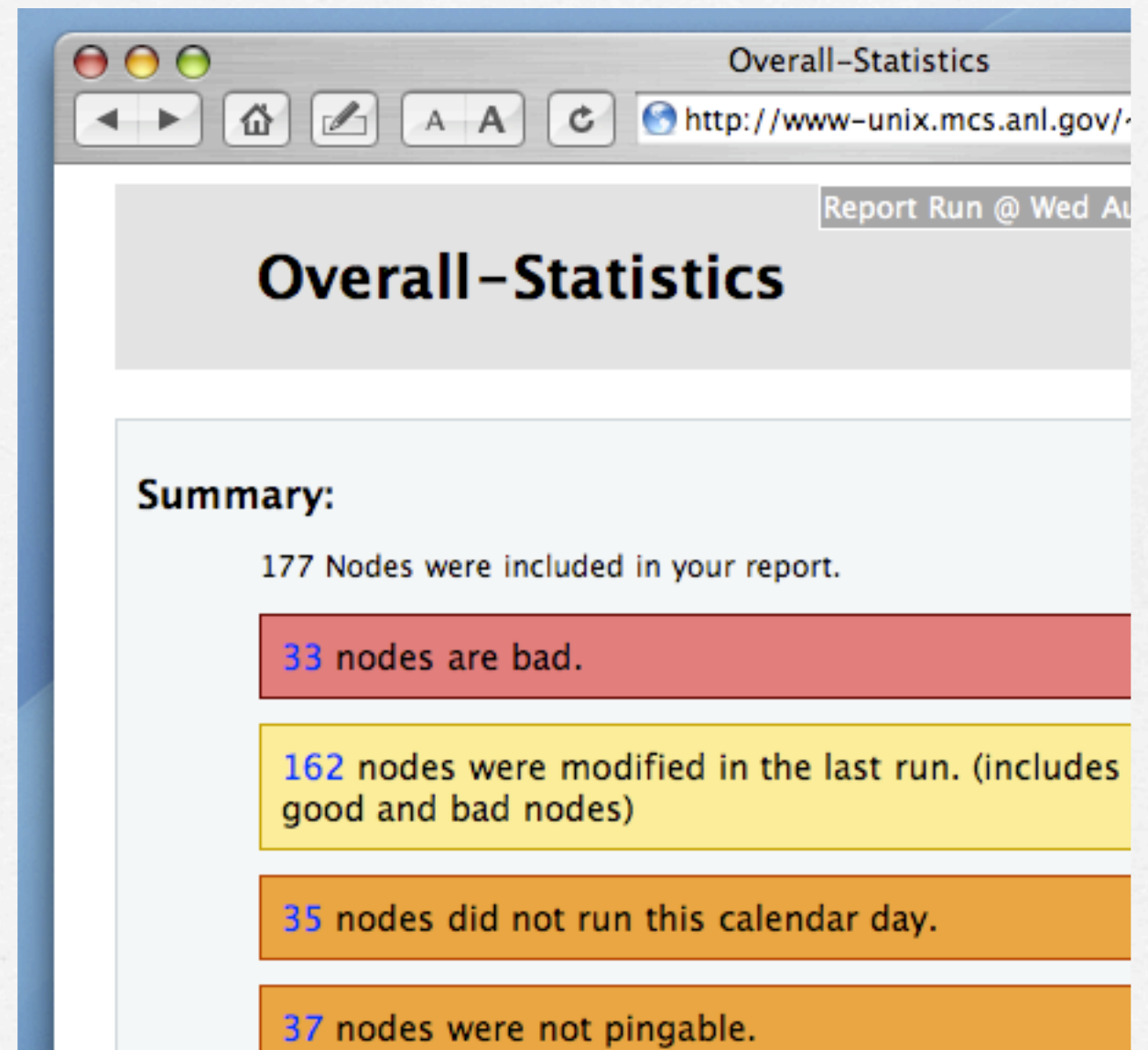

Individual node e-mail

- ❑ Only received mail for node that was broken (per config)
- ❑ Important info in subject line



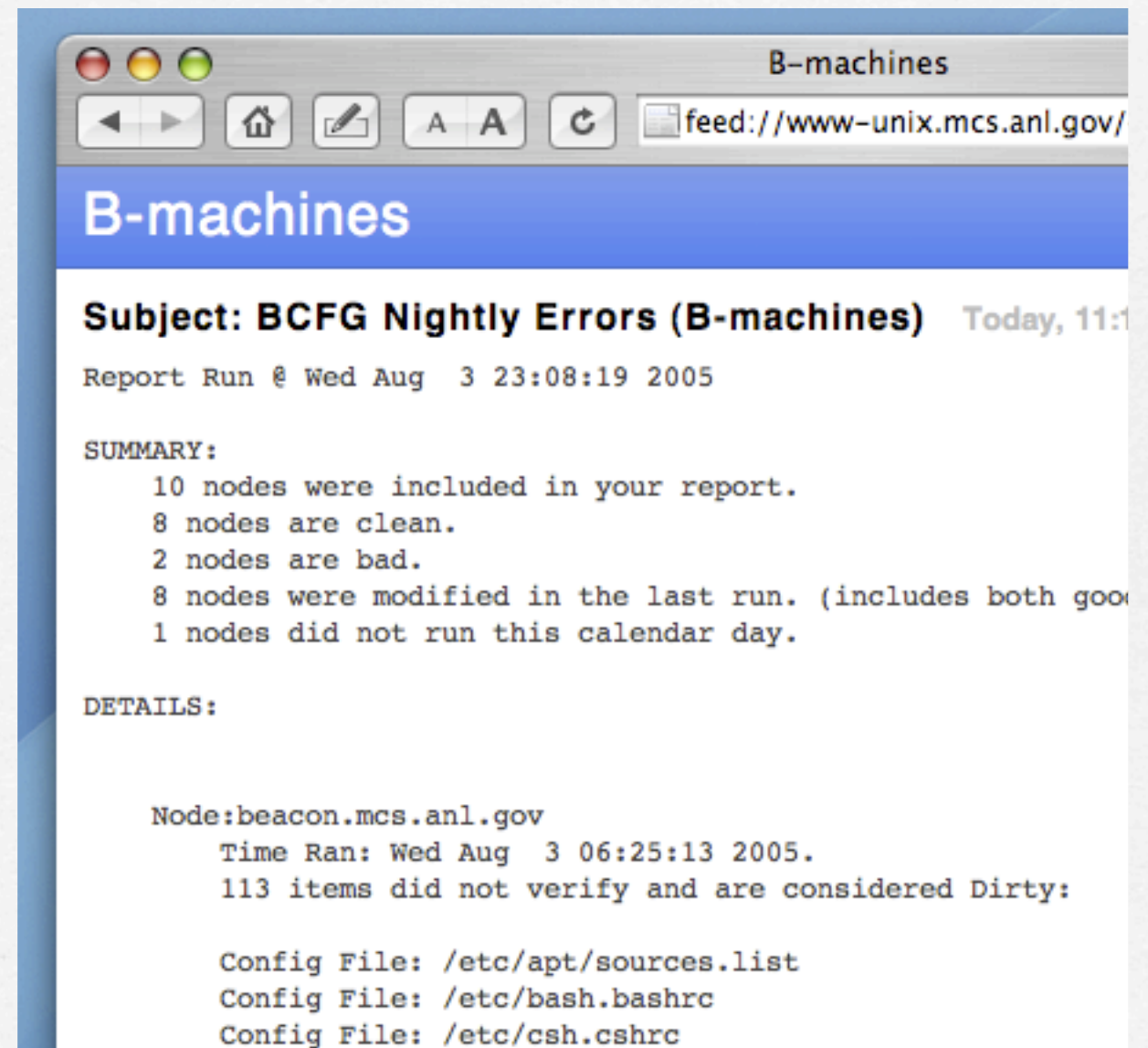
Web Statistics Report

- ❑ Most Visually Appealing Report
- ❑ Uses CSS to be modified per site
- ❑ *W3C XHTML-1.0 Compliant



RSS Node Report

- ❑ Archives 10 past reports
- ❑ Any RSS Reader
- ❑ everybody loves RSS



Real Examples

- **HTML: Overall-Statistics**
 - <http://www-unix.mcs.anl.gov/~hagedorn/bcfg/statistics.html>
- **HTML: BCFG Nightly Errors (B-machines)**
 - <http://www-unix.mcs.anl.gov/~hagedorn/bcfg/one.html>
- **RSS: B-machines**
 - <feed://www-unix.mcs.anl.gov/~hagedorn/bcfg/one.rss>

A blue spiral-bound notebook with the word "Questions?" written in white in the center.

Questions?