BCFG2 Reports

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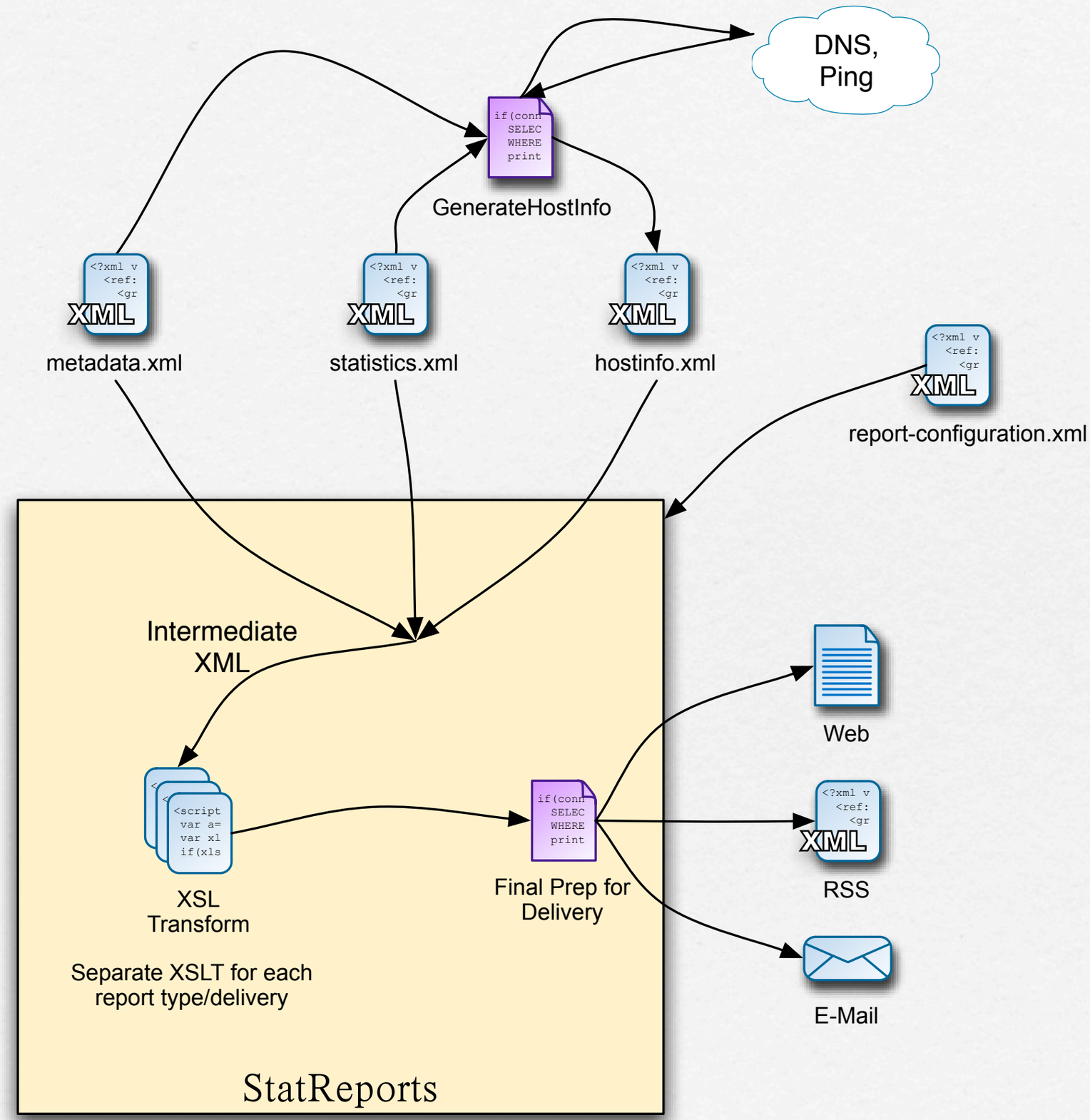
How Reports are Generated



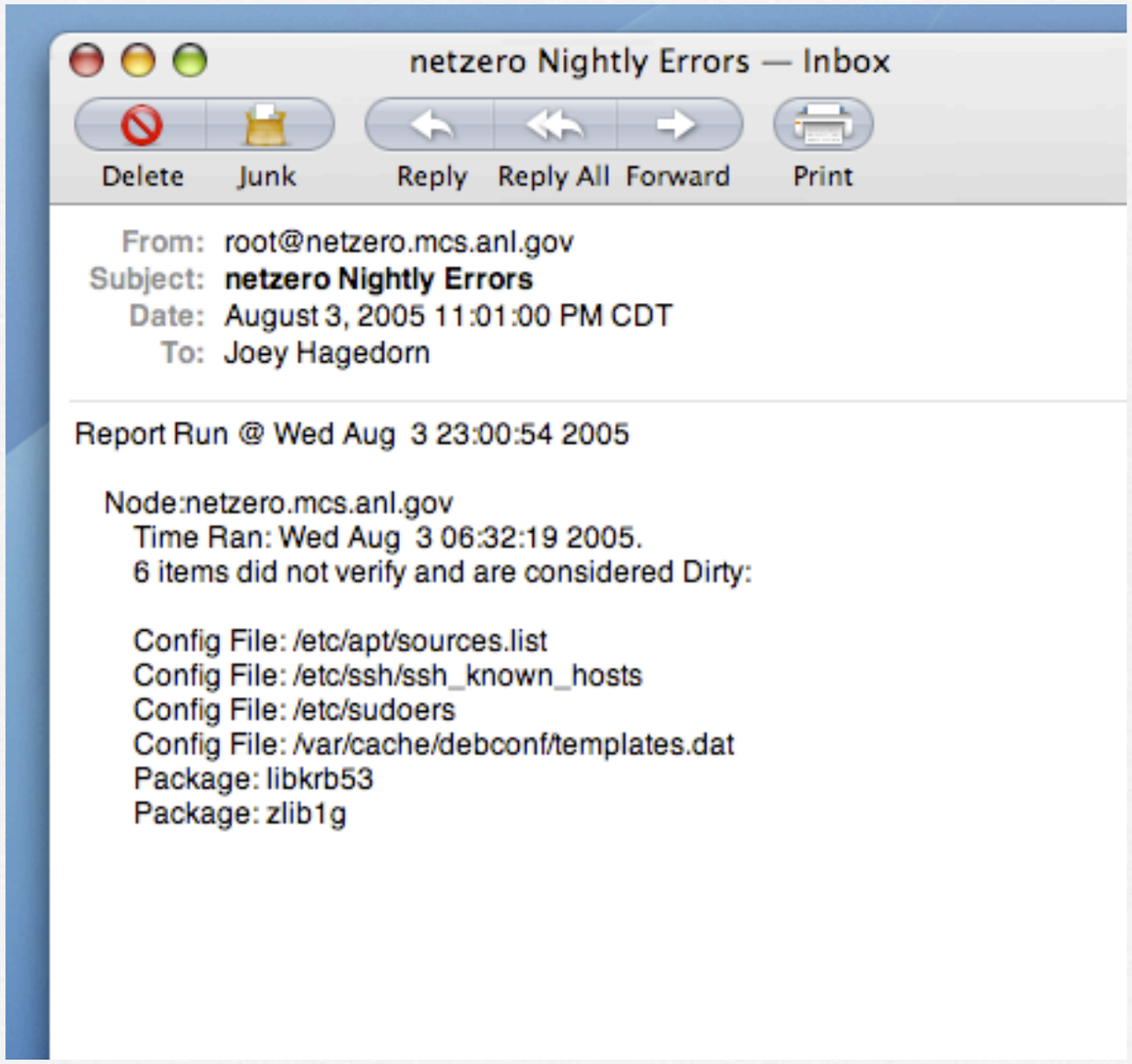
report-configuration.xml

- 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>
```

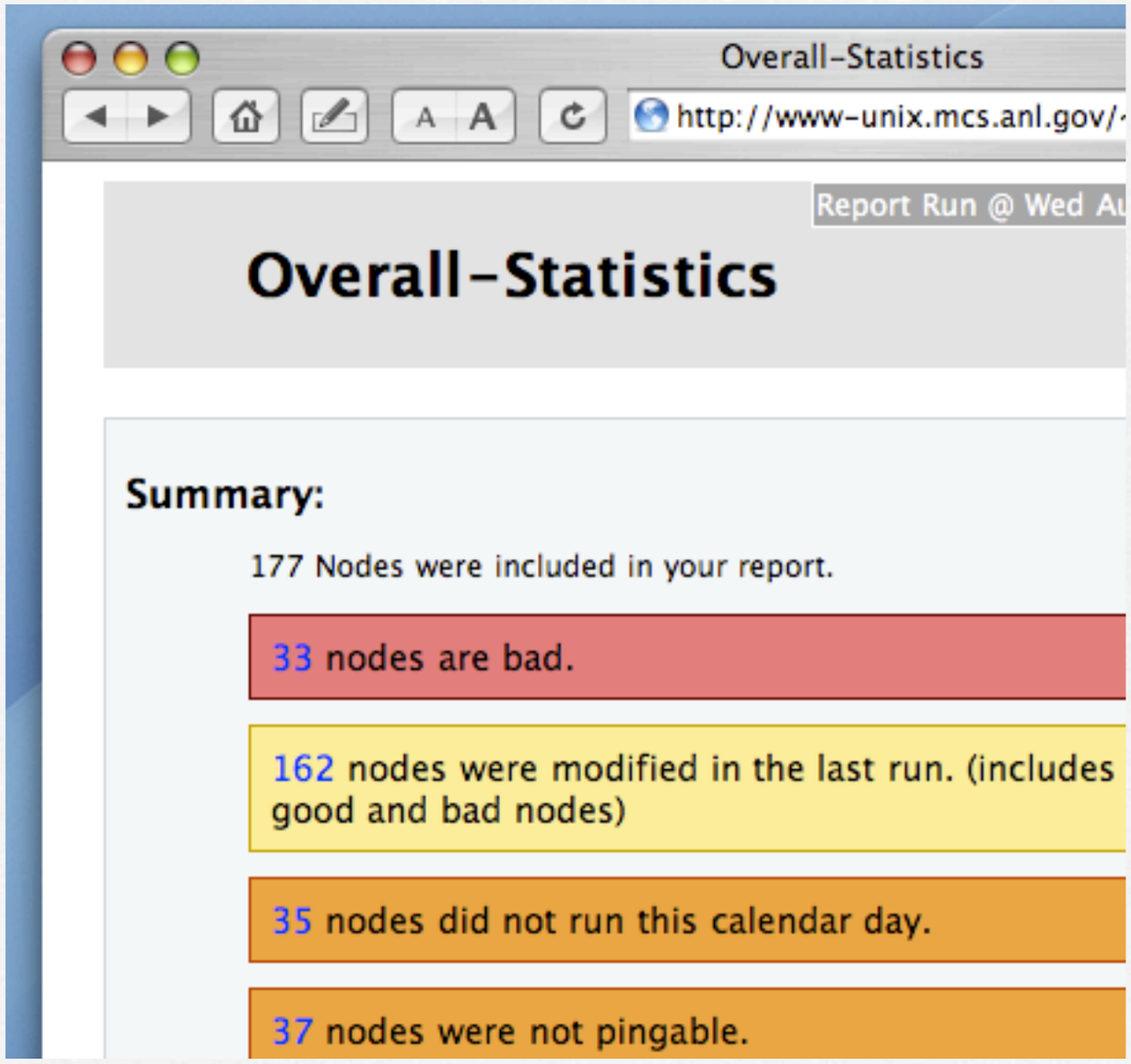
Individual node e-mail

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



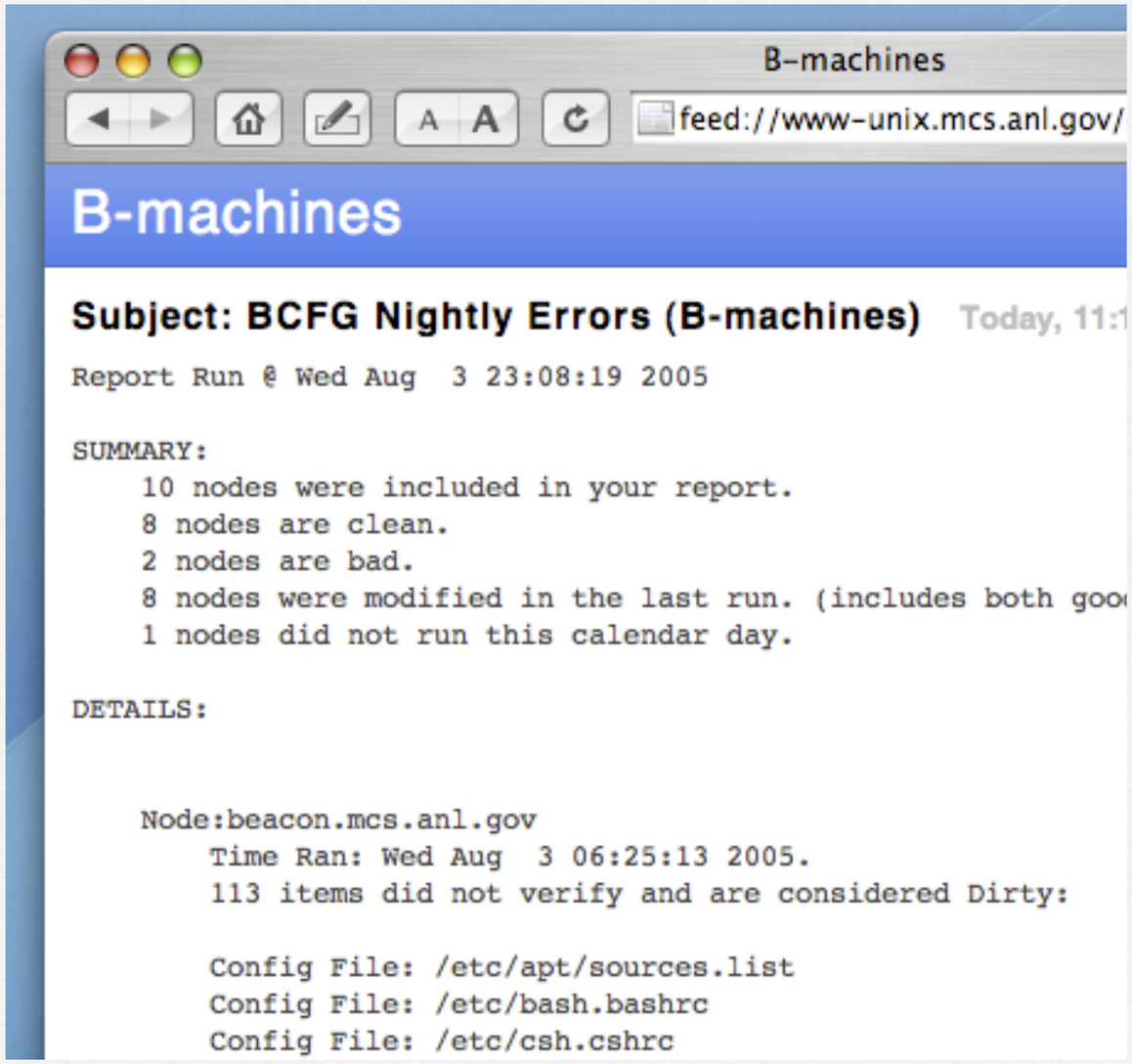
Web Statistics Report

- 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
- HTML: BCFG Nightly Errors (B-machines)
- RSS: B-machines

Questions?