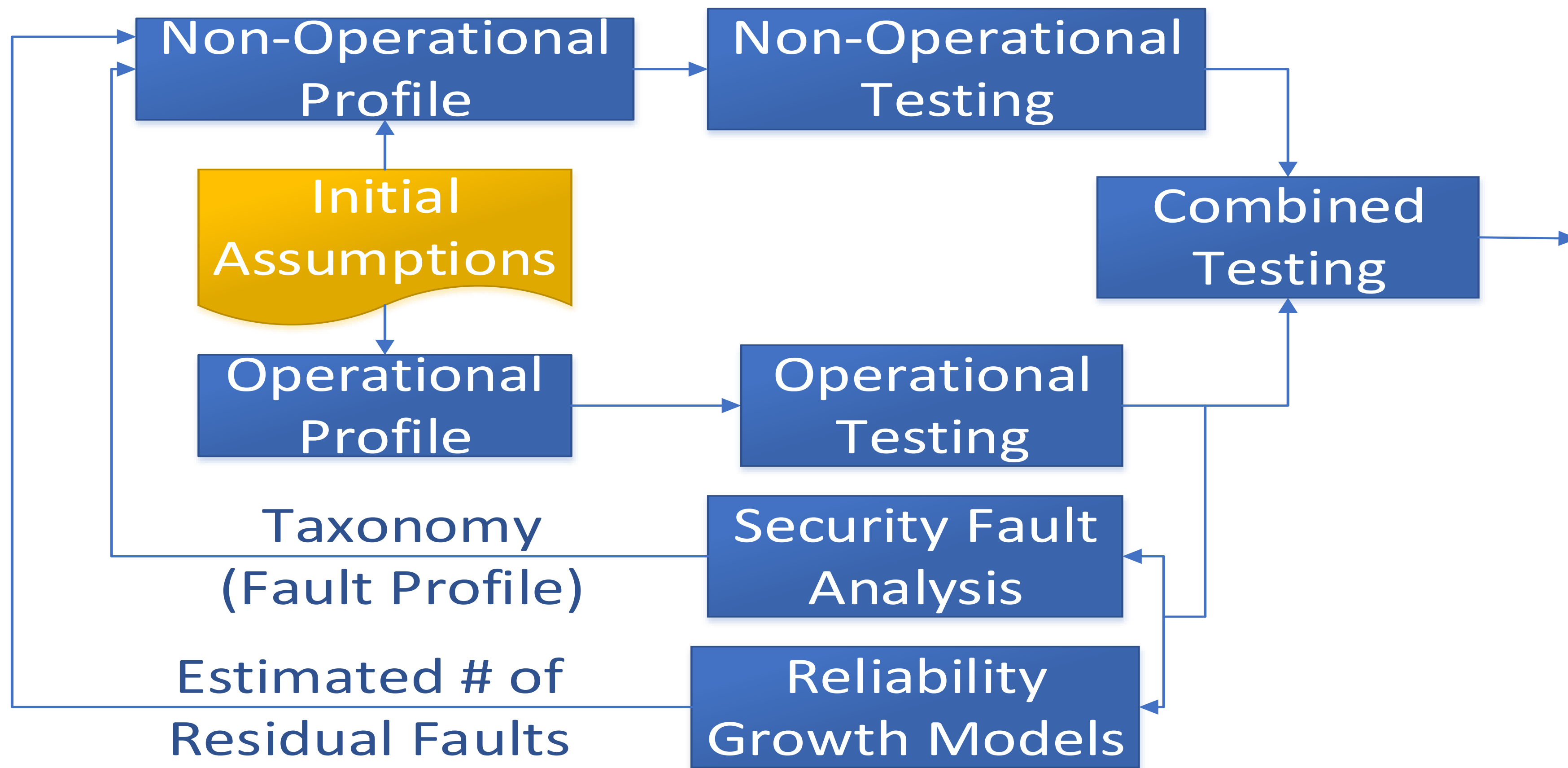
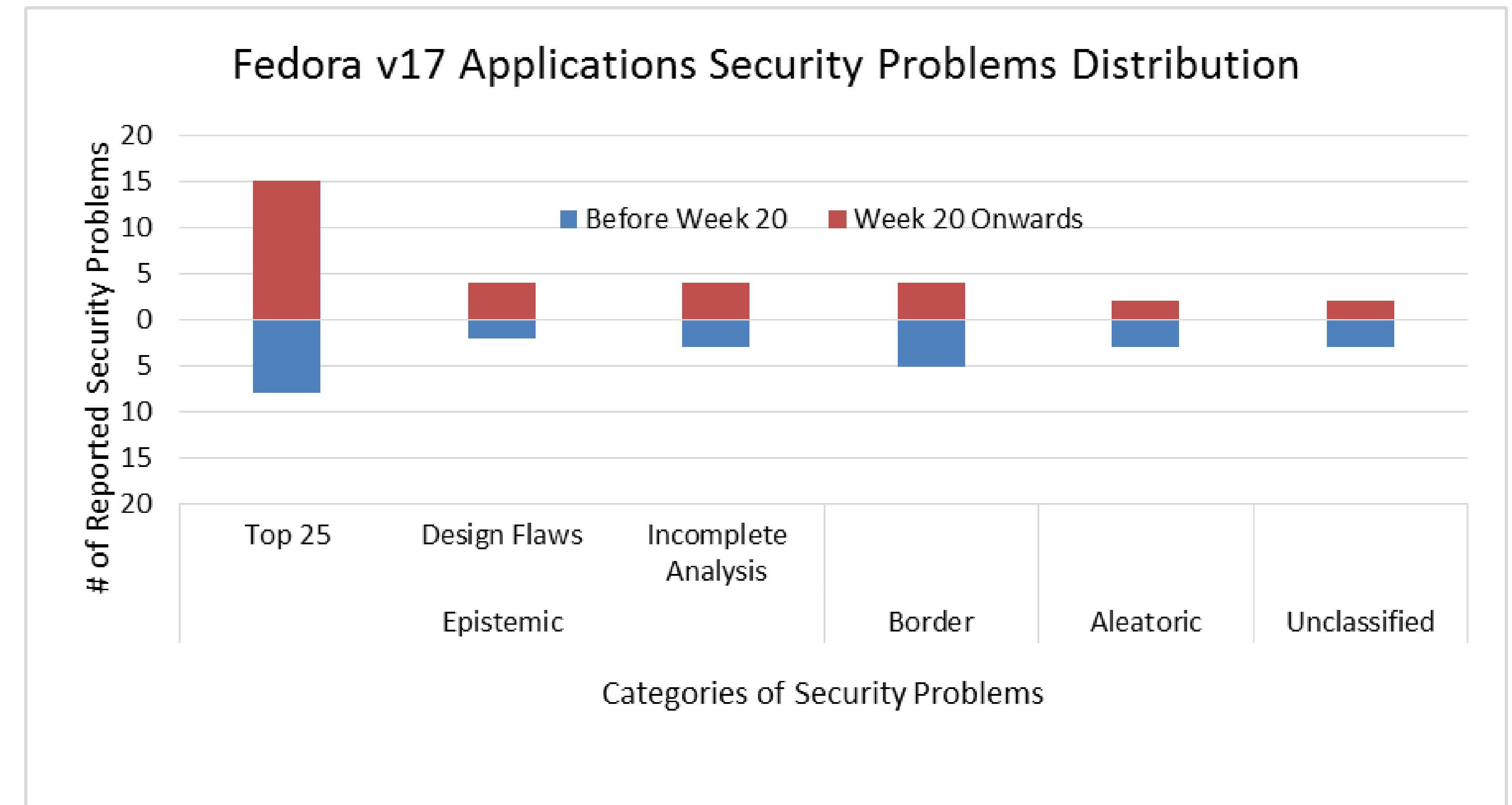


An Analysis of Fedora Security Profile

The Hybrid Approach



Example: Fedora 17 distribution



Technical Approach

- Security Fault Detection
 - Software processes
 - Non-operational testing profiles
- Security Vulnerability Taxonomy
 - Generally known
 - Collected in-process
- Taxonomy-Driven Processes & Test Case Design

Benefits & Deliverables

- Scientific(empirically grounded) vulnerability classification scheme incorporating both epistemic and aleatoric events to accelerate security fault identification and removal
- Leverage symmetry to guide
 - Estimation of residual vulnerabilities in an already released product
 - Testing of subsequent versions of a product

