

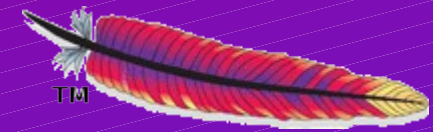
Digital signing



Digital signing
an upcoming service
for all apache projects

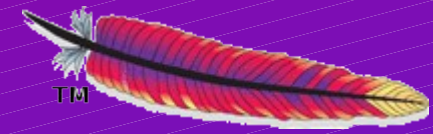
Target of project:

Use symantec as provider
Infra-root as “Enterprise Service Provider”
PMC as “Software Publishers”
Provide signing for microsoft



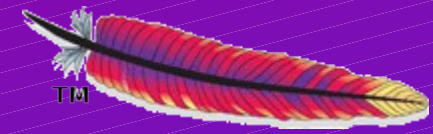
- About the speaker
 - '75 - made first program (basic)
 - '81 - programmed Wordprocessors
 - '82 - free cross compiler (basic → C)
 - '86 - free tcp/ip driver embedded unix
 - '96 - country wide wan monitoring
 - '02 - DB server (400.000 power meters)
 - '12 - joined ASF, focus on “payback”
 - '13 - committer/PMC AOO and Infra

Digital signing



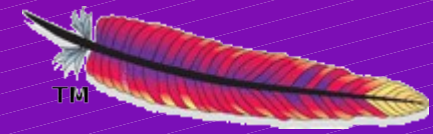
Why care ?

- Prevent repackaging with adware/malware
- Install without warning on Windows 8
- Use java jre7 without problems
- Show ASF is just as prof. as paid-for sw.
 - SW Businesses claim
 - OpenSoftware is insecure
 - Trust cost money



Why not apple ?

- Only signing against apple certificate
- Only distribution through iTunes
 - No other channels allowed
- Process is different from others
- Symantec does not support apple signing



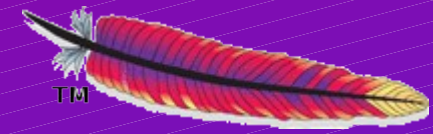
Status

- Infra engaged with symantec in a test
 - Tomcat is primary project
 - Simple requirements
 - AOO is expected as second project
 - “doing AOO, covers any other project”
- Symantec
 - Provides test platform (and later prod)
 - Consultant time



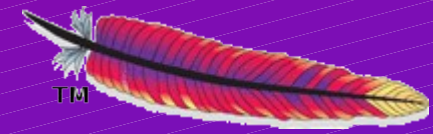
Current project team

- pctony, covering infrastructure
 - general setup
- markt, covering tomcat and infrastructure
 - Specialist
 - tomcat is a simple good start
- jani, covering AOO and infrastructure
 - AOO contains everything



AOO status

- A build flow has been designed and tested
 - Impact on trunk is very limited
 - Impact on release manager is high
- Need a project team to implement and test
- Branches with major build changes:
 - Capstone, prepared
 - Build R.I.P. (part of I10n40), prepared,
 - Rejuvenate01, waiting



Workflow

- Develop → build all → Test
- Sign all generated artifacts (dll, jar, exe)
 - direct in solver directory
- Rebuild from `instsetoo_native`
- Sign final install file
- Vote on release
- Follow same step for all languages