

# TomC@ - Proposal

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## 1. Adding More Flexibility to Config Listener and Deployer

Currently, you can automatically deploy, delete or redeploy web applications automatically using the classes `HostConfig` and `StandardHostDeployer`. But this is tied to the single webapps directory. However, customer scenarios would benefit from flexible mechanisms that allow deployment of applications from different directories or even a central HTTP repository. The necessity of a revised deployment implementation is further stressed by the new undocumented `FarmWar Deployer` facilitating an automatic cluster deployment. Here, with the introduction of a `StandardHostDeployer` variant it gets clear that it makes much sense to use different deployment sources at a single host in a uniform manner.

To satisfy these requirements changes are necessary in the following areas:

- Flexible `ConfigListener` configuration
- Configurable `StandardHostDeployer`
- More than one deployer or config Listener
- Faster war META-INF/context auto deployment after changing a lot of war files
- JMX Notification at `StandardContext` und `StandardWrapper`

Please, read the detailed analyze and change requests at the complete `HostConfig/Deployer` proposal.

First Comments from Remy Maucherat exists also.

The new Tomcat CVS Head has a complete new `HostConfig/Deployer` concept with really new usefull options, Thanks Remy!