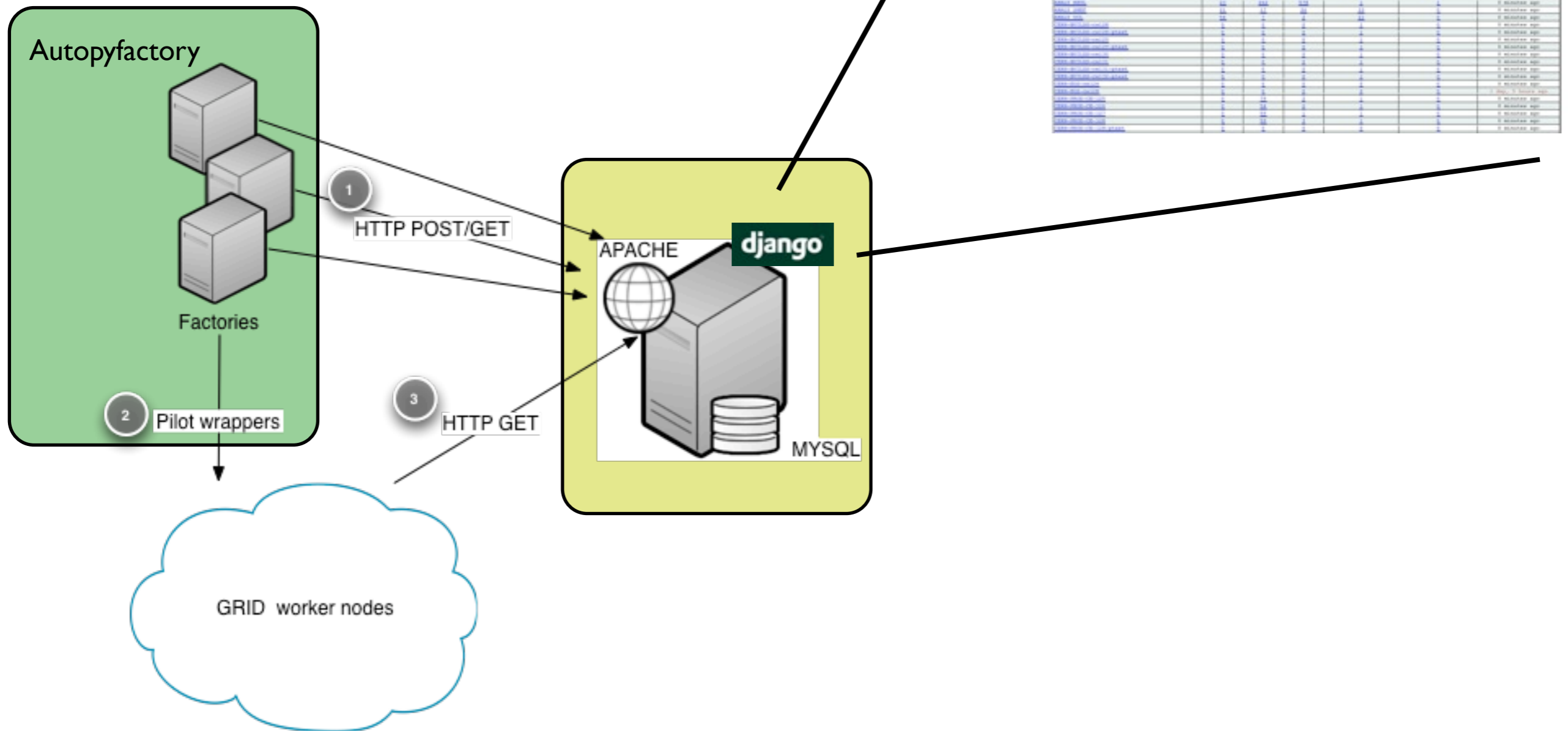# Autopyfactory monitoring

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Autopyfactory monitoring

- provide a window on autopyfactory operations

- expose factory status to site sysadmins

- factory problems noticed by an absence of pilots at sites

- clarifies factory configuration for sites adding new CEs

- help understand condor quirks

- help tweak pilot submission rates

Architecture

Django app running on standard LAMP stack, autopyfactory hooks are minimal.

Situation now

- Webservice at http://apfmon.lancs.ac.uk/mon/

- production box is a virtual machine running CentOS 5 with LAMP stack + Django

- Plan to keep things simple

- However, want page views to be quick! This app is a good candidate for a NoSQL backend but will continue with mysql tuning

- Autopyfactory plans:

  - merge John's changes into main branch, this will add FHS compliance with rpm deployment

  - uniform deployment of factories will allow ADCOPS to manage

  - merge multi-backend changes from Jose/John

- No monitoring issues foreseen with these changes