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# Meeting Minutes

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<b>Meeting organized by</b>	Andrea Cavalli, Julien Poffet	<b>Participants</b>	Paolo Calafiura, Yushu Yao
<b>Date</b>	February 10, 2009	<b>Office</b>	50B-3215

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## Subjects

- We released VML 0.4 and we made a demo to explain the new functionality.
- Messrs. Calafiura and Yao gave us some advises about what we should do to improve the usability, prevent errors and to correct bugs.
  - Increase the timeout for retrieving the IP address of the VM; make it configurable.
  - Save the VML state right after the backup is done.
  - Check the free space on the HD before to save an entry.
  - Change the message for choosing the backup format; add an option on the CLI.
  - Modify the CLI for allowing opening a generic entry in the default working area.
  - Use the SSH keys authentication for connecting to the VM (and for saving a generic entry, if it is possible).
  - Add the VM's cache folder to the default folders to save with an environment backup, then test if it works.
  - Try to think about how to improve the projects management.
  - Add a "add" command to add to the repository a VM that is outside a working area.
  - The CernVM list in the consult should show the CernVM entries.
  - If an error happens during a "getcernvm" command after the CernVM has been added in the repository, tell the user that he can execute again the command to retry, and that the command will use the local CernVM and not download a new one.
  - Use a complete address (file://...) to open the web page for the graphical interface.
  - Add a timeout during the download of CernVM. If no data can be downloaded, retry. After a while, print an error.
  - Write an e-mail to the Paramiko developers to ask if they know about the interactive shell issue we have in VML.
- Mr. Calafiura asked us to send our report to him and Mr. Yao.