

# RASCAL 0.5B Roadmap

## RASCAL - Remote Activity Screen Capture And Logging

### Overview:

Java Application / Applet for recording the screen activity and microphone audio and converting it to a movie on a remote system. This screen-recording system is a component of OpenVULab, and is used for remote usability testing for web applications.

The current application is available in the RASCAL branch of the VULab trunk in the Fluid SVN. A prebuilt jar and applet functionality will be available shortly.

### Program Usage:

In a console, type: `java -jar -XmxMEM rascal.jar` (in the directory where rascal resides). Rascal can be run in 256MB of virtual memory, however 512MB leads to better performance. Therefore appropriate values for MEM are 512m or 256m .

The program ends when a user presses `<Enter>` in the console. The screenshots and audio are uploaded to the server and converted to an mpeg4 video (with audio). The program outputs a video id and terminates. This video id must be entered into the VULab web interface during the survey.

### Output location:

All videos are temporarily stored at: [http://filedump.silkwire.com/<video\\_id>.avi](http://filedump.silkwire.com/<video_id>.avi) and accessible directly.

### Compilation:

To compile the source from SVN, checkout all files into eclipse and add `jvftplib.jar` to the build path.

## Release Timeline

September 29, 2008: Rascal 0.5B Beta


October 29, 2008: Rascal 0.5B Final

## Goals for RASCAL 0.5B

1. Integration: get RASCAL to work with Vulab Web
2. Make RASCAL easier to use and deploy
  - applet-izing
  - documentation
3. Performance Improvement
  - improve video compression
  - seamlessly stream the data
4. Bug fixes and incremental improvement

## Tasks and Deliverables

key	priority	summary	resolution
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