

AutoTrain e-Learning

AutoView Lecture Capture Live

(Version 1.09, 9th October 2012)

These instructions accompany the current release version of the AutoView Lecture Capture Live system. AutoView Live adds the ability to record and broadcast live lectures to AutoView. AutoView Lecture Capture Live is a commercial add-on product sold by [AutoTrain e-Learning](#).

The following instructions will take you through the installation process.

What you will need to use this software

- 1) A Moodle 1.9.7+ or better Virtual Learning Environment.
- 2) The AutoView module 2012091001 or better installed on your Moodle server.
- 3) Administrator access to the file system of your Moodle server, with the ability to install and run new server software.
- 4) Java 1.6 or better installed on your server.
- 5) The Red5 Flash Server, version 0.7.x or 0.8.x. (Note, Red5 0.9.x is not currently supported)

Before you start

AutoView Lecture Capture Live is designed to be installed onto the same server as the Moodle installation in order to enable the recorded videos to be stored within the Moodle courses directories. It is possible to use this software on a separate server if that server has either file system access to the moodle-data directory, or with independent data directories if you set those directories up to mirror the structure of the moodle-data directory. If you use independent data directories, you will not be able to manage the recorded files using the Moodle file manager.

Installation

- 1) You will need to have the Red5 Flash Server installed on your server. If you already have Red5, then please move onto the next step. If you do not have Red5, visit <http://code.google.com/p/red5/> to download Red5. You will find help files and tutorials detailing the installation process on this website.
- 2) Download the AutoView Live .war file. Ensure you download the correct version of AutoView Live for your Red5 server, using an incorrect version will cause the software to fail.

- 3) Either deploy the AutoView Live .war file, or create a directory called *avLive* (please note the capitalisation) within the Red5 webapps directory and then unpack the contents of the jar file into this directory using a zip extractor.
- 4) Please read the *license.txt* file located in the *avLive* directory.
- 5) Find the *avLive/WEB-INF/hosts* directory within the deployed application. This directory contains the host configurations for the Moodle server(s) you wish AutoView Live to work with. Make a copy of the *sample.properties* within this directory and name it to match the host name of your Moodle server. eg if your Moodle server is *http://www.mysite.org/moodle*, then the file name should be *www.mysite.org.properties*. The demo will only allow the use of one host configuration, however, the full release can be licensed to use multiple hosts.
- 6) Edit your host configuration file, you should only need to change the *local.url*, *avhost.url* and *streams.dirroot* parameters for a typical configuration.
- 7) (Optional) If you wish to be able to use the administrator interface, copy the *avLive/WEB-INF/admin.properties.sample* file to *avLive/WEB-INF/admin.properties*. Make sure *admin.enable* is set to true and that you have put in a secure password. The admin interface can be accessed with a web browser through a URL in the form of *http://www.mysite.org/avLive/avadmin.jsp* once the server has been started.
- 8) Open your web browser and find the AutoView global module configuration page. This should be located in Site Admin>Modules>Activities>AutoView.
- 9) Set the Flash based live capture URL to the same value which you set for the *local.url* parameter in the host configuration file. The Flash/Red5 communication server URL should be an *rtmp://* URL which points at the *avLive* application. eg if your Red5 server hostname is *www.mysite.org*, then the URL would be *rtmp://www.mysite.org/avLive*. These URLs are case sensitive, so please pay attention to this.
- 10) If you have purchased an AutoView Lecture Capture Live licence, you should copy the licence file into the *avLive/WEB-INF/data* directory. Ensure the licence file is named *avlive-license.bin*.
- 11) Ensure the *avLive/WEB-INF/data* and *avLive/WEB-INF/log* folders are writeable by Red5 server process.
- 12) Restart your Red5 server.
- 13) Create a blank AutoView, switch on the editing mode and test the recording and broadcast options. You should now be able to record .flv videos directly onto your Moodle server. Screencast videos demonstrating the use of these functions are available on <http://autoview.autotrain.org>.

Limitations

Licensed users will be limited according to the type of licence purchased.

For unlicensed users, the demo mode is limited to one host configuration, one broadcast or recording connection at a time and 3 playback connections. Recording connections to

the server are limited to 5 minutes duration, playback connections to 10 minutes. If you require a more extensive evaluation than this allows, please contact EuroMotor-AutoTrain (<http://www.autotrain.org/info/contact.shtml>) to discuss your requirements.

The demo mode of this software will expire 6 months after the release date. For licensed users, the expiry date will be specified in your licence terms.

Pricing

Pricing information for AutoView Lecture Capture Live is available on the <http://autoview.autotrain.org> website. Licences for smaller installations are available to purchase on-line.

We also offer a paid for installation help service for those who do not have the technical skills to install AutoView Live! and/or Red5 for themselves. Please contact us for details.

Support

All users are free to post support questions and requests on the AutoView forums located at <http://autoview.autotrain.org/course/view.php?id=4>. You should also search our support database, on <http://autoview.autotrain.org/mod/data/view.php?id=143>. Users with an up to date licence and support package may also email us directly on help@autotrain.org.

Known Problems

The Red5 0.9.x series has a bug in the flash video recording capability which will prevent the live recording and broadcast modes of the AutoView Live software from working. If you only intend to use AutoView Live to stream pre-recorded video files which were created using other software, then this functionality should still work with the Red5 0.9.x series. This problem has been reported to the Red5 developers and we are working to try and resolve it.