

SeLCont Step by Step Guide

V 0.1



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Up2University - SeLCont Step by Step Guide

This is a short manual for SeLCont, describing step by step the creation of different courses and lectures by using tools of Up2University platform.

Step One - Download the Screen Capturing Executable

In this step you need to run the screen capturing executable, which can be found here: http://www.netmode.ntua.gr/main/index.php?option=com_content&view=article&id=141&Itemid=92 , in order to take screenshots which will later be synchronized with the video of the lecture.

You will see a blank window, like the following:

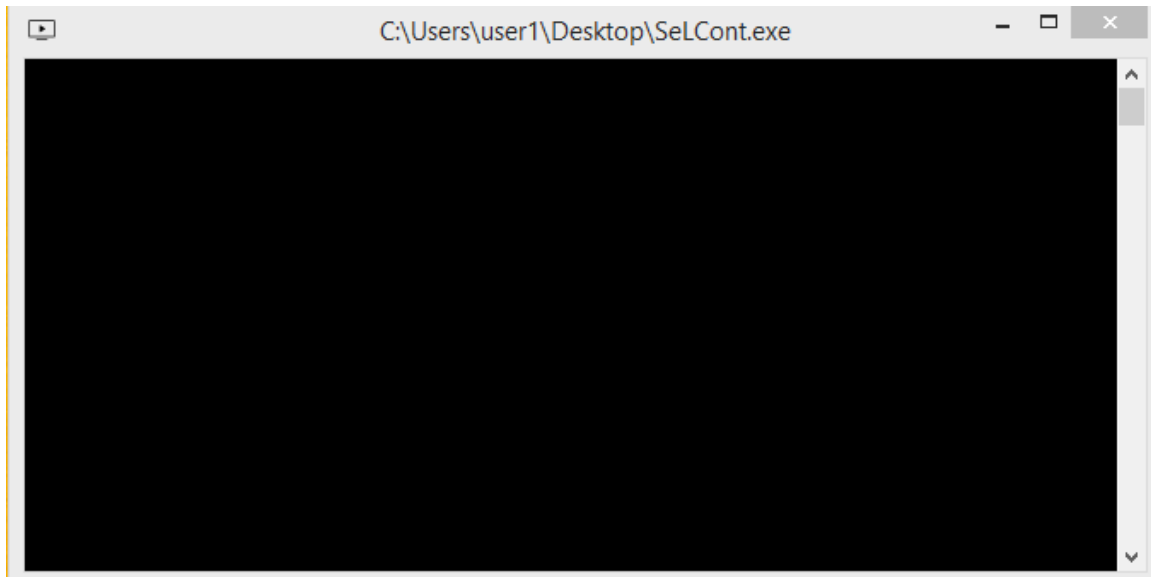


Figure 1: Screen Capturing Tool initial window

Don't press any button. Minimize the screen capturing tool, select the presentation window and enter Slide Show mode.

Step Two – Screen Capturing during the Lecture

You can record your lecture by using an external camera or your web camera. For video recording you can choose whatever tool you like (for example OBS). You have to press the **PrtScn** button at the beginning of your lecture. All you have to do next is to push the navigation arrows, in order to go to the next slide on your Laptop, or the PrtScn button whenever you need to take an additional screenshot (i.e. when showing a website). The screen capturing tool will capture each screenshot and will save it with its timestamp on the images folder of your OS (Windows).

After the end of the lecture, the screen capturing tool will look like this:

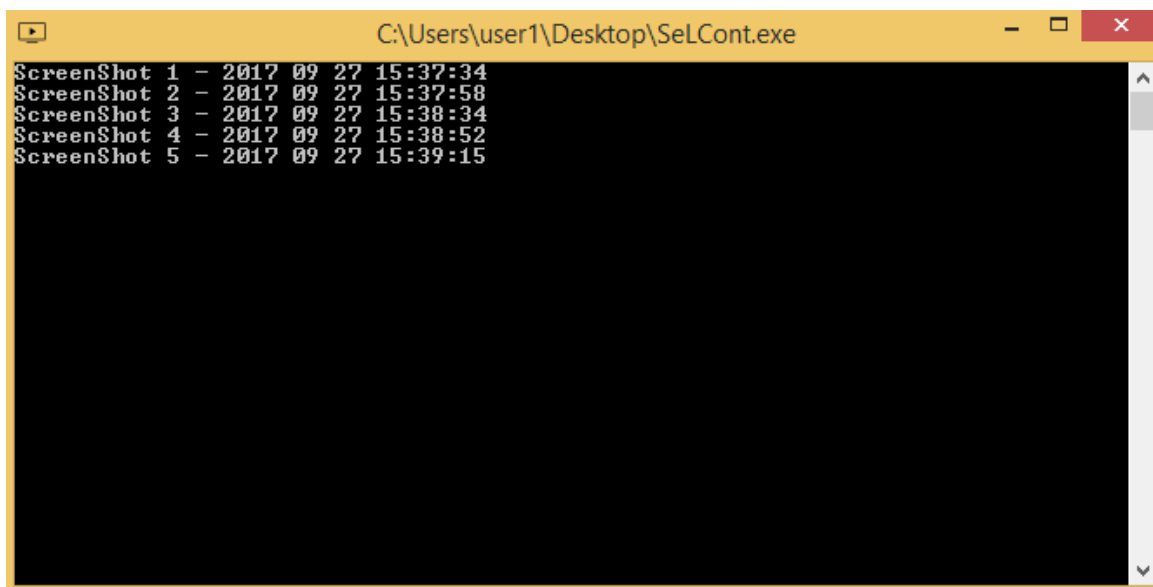


Figure 2: Screen Capturing tool after screen capturing

Then, you have to close the screen capturing tool.

Step Three – Course Creation on Moodle and SeLCont External Tool initialization

If you are a teacher/instructor, you need to login in on Up2U Learning Platform.



Figure 3: Moodle Demo Course

If you are creating a demo lecture for a first time, you have to add the SeLCont LTI external Tool as a resource as it can be seen below:

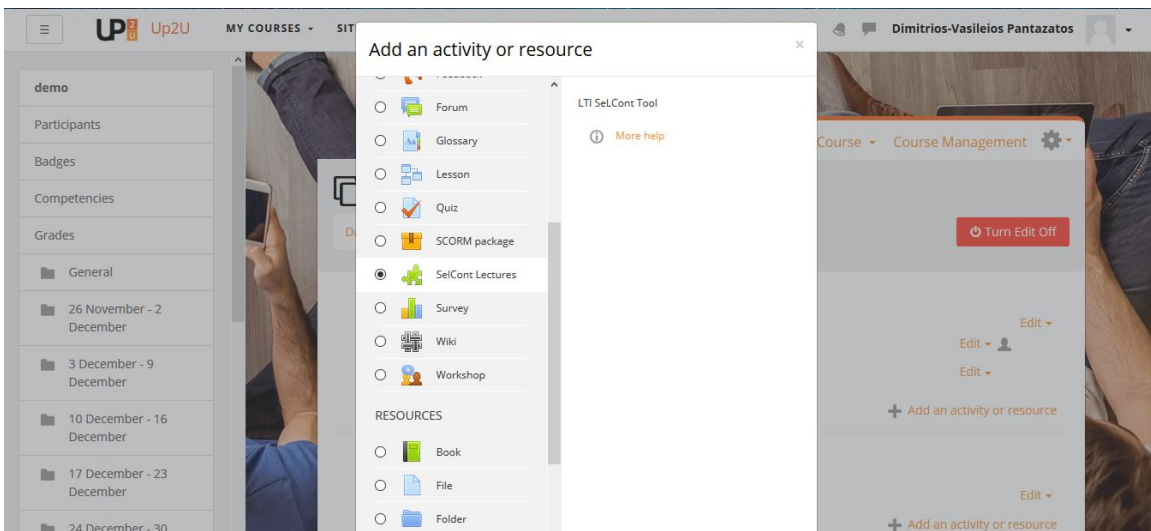


Figure 4: Adding SeLCont LTI external tool

After Adding the SeLCont LTI external tool you are ready to add new lectures.

Step Four – New SeLCont Instance Creation

After Selecting the SeLCont LTI external tool you will see a new WordPress site dedicated to your lectures:

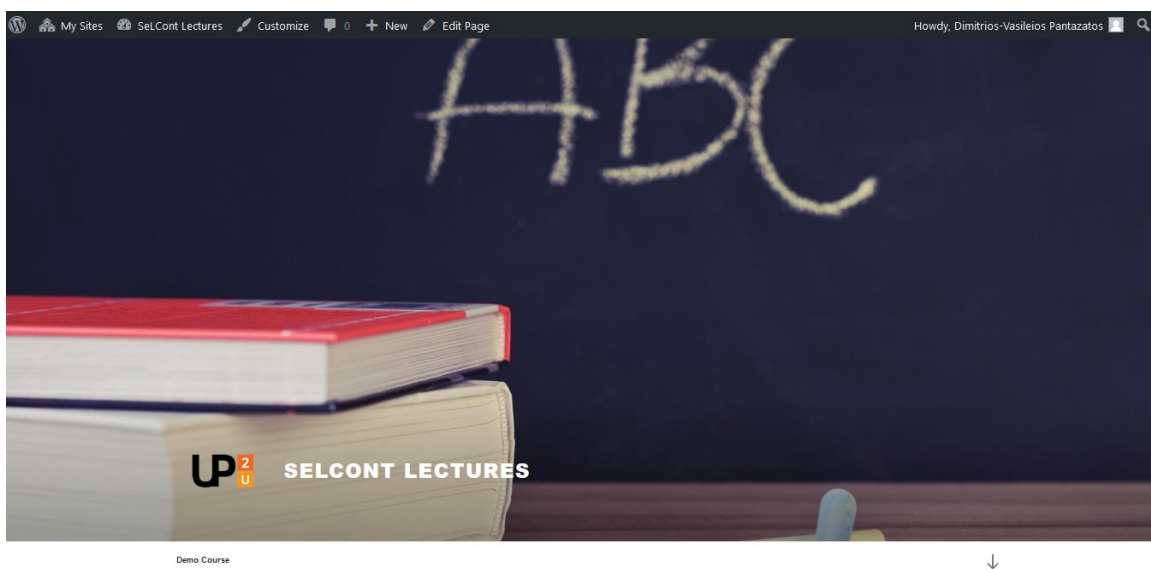


Figure 5: WordPress instance

Step Five – Adding a new Lecture

On this step you will add the new lecture. On this panel you have to select the “**Lectures**” section as seen below:

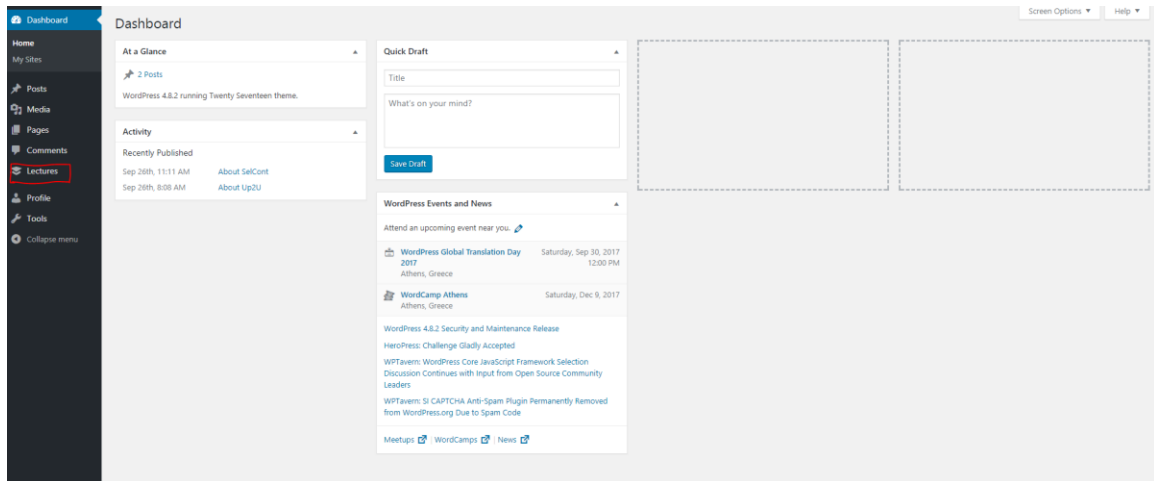


Figure 6: Lectures Section

When you select “**Lectures**” section you first have to enter your Institution (for example: 1st junior high class), by selecting “**Institutions**”. There you can add your institution name and you can save it by pressing the “**Add New Institution**” button.

Institutions

Add New Institution

Name

The name is how it appears on your site.

Slug

The "slug" is the URL-friendly version of the name. It is usually all lowercase and contains only letters, numbers, and hyphens.

Parent Category

Assign a parent term to create a hierarchy. The term Jazz, for example, would be the parent of Bebop and Big Band.

Description

The description is not prominent by default; however, some themes may show it.

Figure 7: Insert New Institution

In the same way you can add a course (for example mathematics) by selecting “**Courses**”. Next you can add a new lecture by selecting the “**Add New**” section under “**Lectures**”. After selecting “**Add New**” you will see the form that you have to fill in.



Figure 8: Lecture Form filled

Some fields of the form are:

- **Title:** You have to enter the lecture’s title
- **Description:** You have to enter a short description (not necessary)
- **Instructor:** You fill the instructors name
- **Video URL:** You have to fill the video URL.(Video URL will be provided by us)
- **School:** Name of the school
- **Presentation File:** There you will upload the demo presentation file. You have to press “**Choose File**” button. Then you will select the demo presentation file on the pop-up window and you will press “**open**”.
- **Slides with timestamps:** There you can upload your slides.

About Videos: Videos can be .MP4 or on .webm format.

About slides uploading: First you will press the “**Add Slides**” button and you will select “**Upload Files**”.

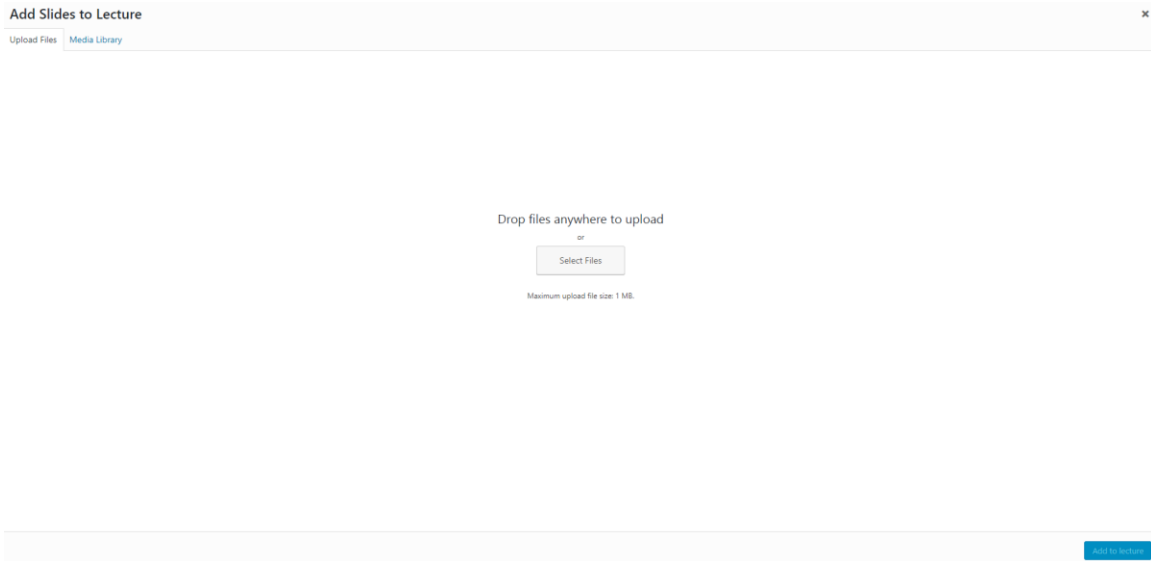


Figure 9: Upload Files Section

Then you need to press **“Select Files”**, navigate to the folder that SeLCont’s Timestamps are being saved on your computer, select all the timestamps and press **“open”**.

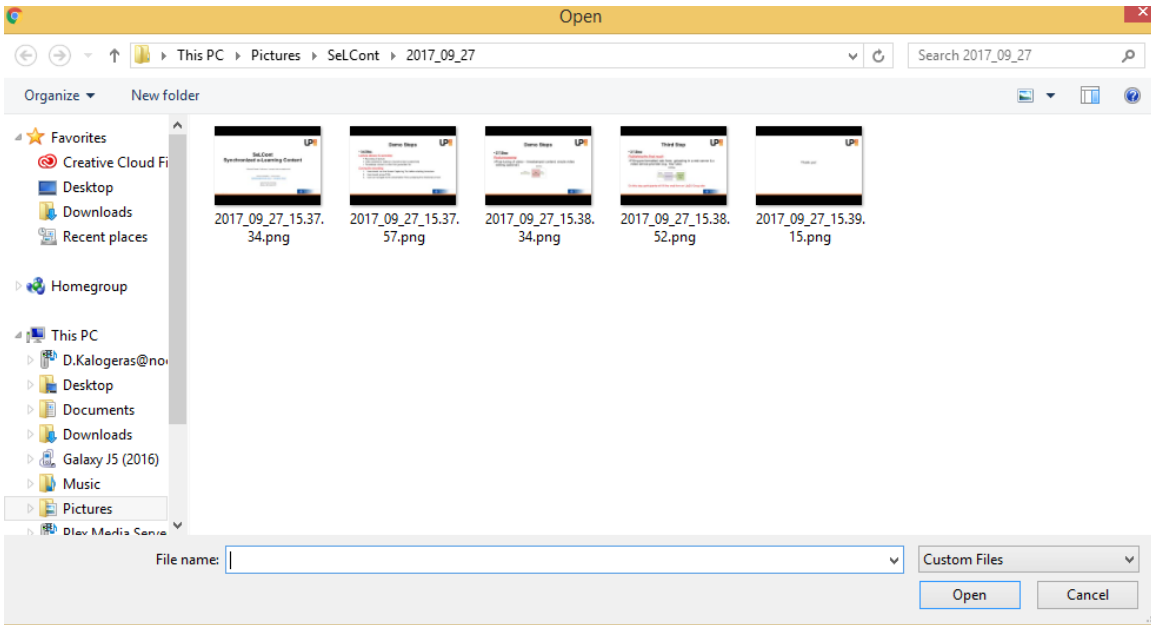


Figure 10: Timestamps Selection

Notice: if you upload any other picture (with other name than a timestamp value) or multimedia element, synchronization will not work.

After uploading images, you have just to press the **“Add to lecture”** button, as below:

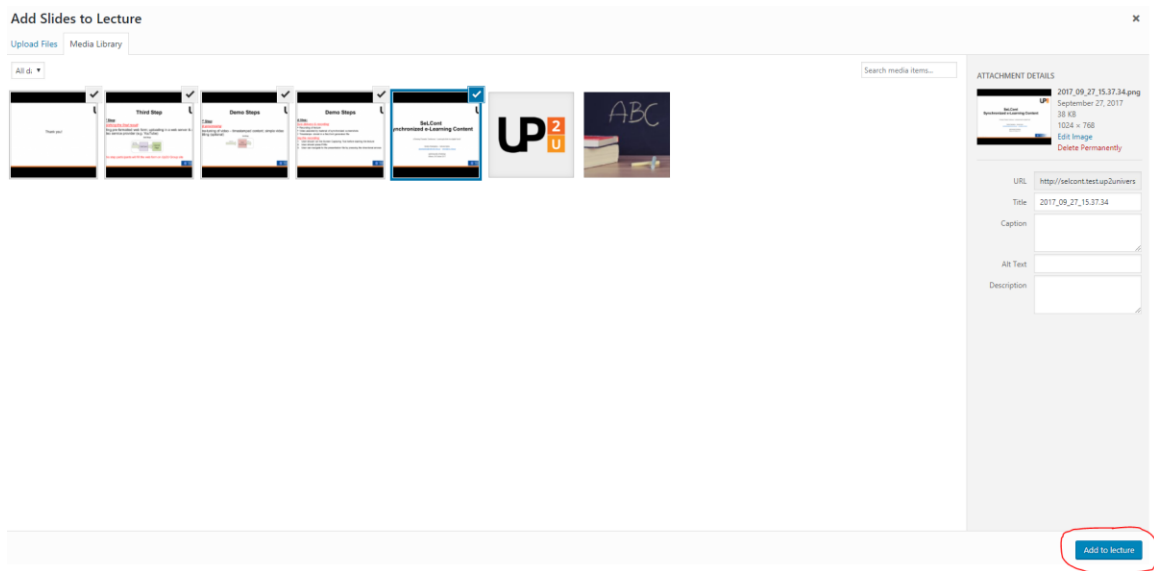


Figure 11: Add slides to lecture

After that you have to select your Institution and your course on the same form as it can be seen below:

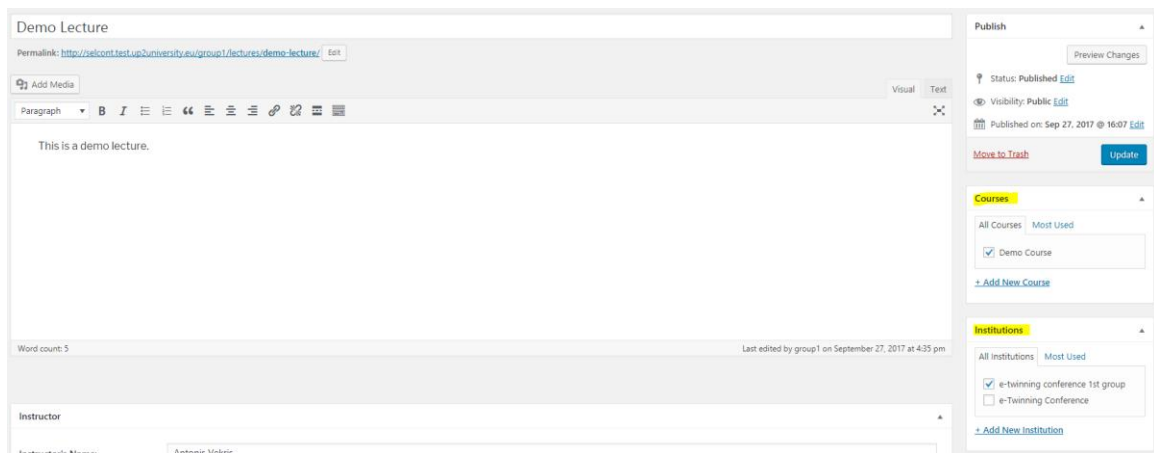


Figure 12: Institution and Course Selection

All you have to do, is to press the **“Publish”** button. Lecture is now published and you can see it by pressing the URL link:



Figure 13: Lecture URL

Now the lecture is published! The final lecture page includes the video on the left and the (synchronized) slides on the right:

Demo Lecture

This is a demo lecture.

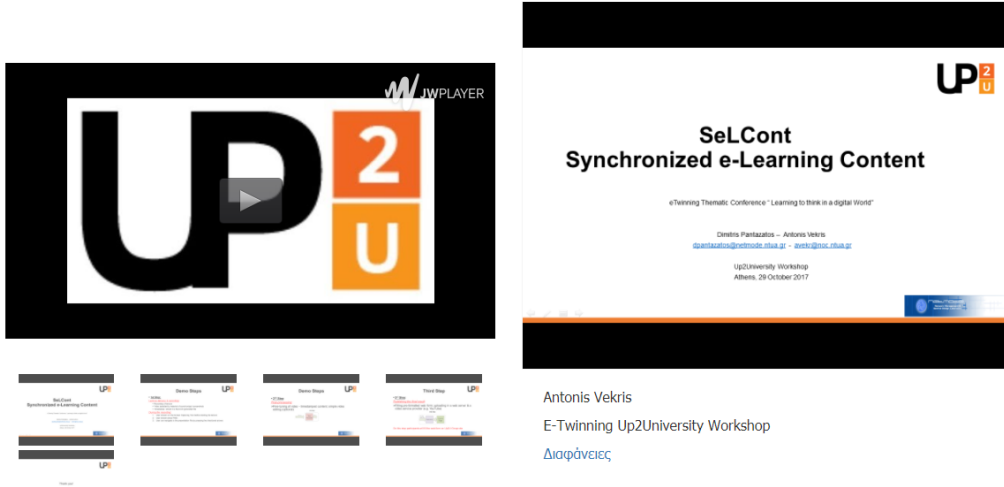


Figure 14: Lecture final page