


## Login

To use Scriptrunner you need the username, password and web browser.

Username:  

Password:

Figure 1 - Login

## Remote program execution

- Open the file you want to execute in the editor (or create a new file and enter the program source code).

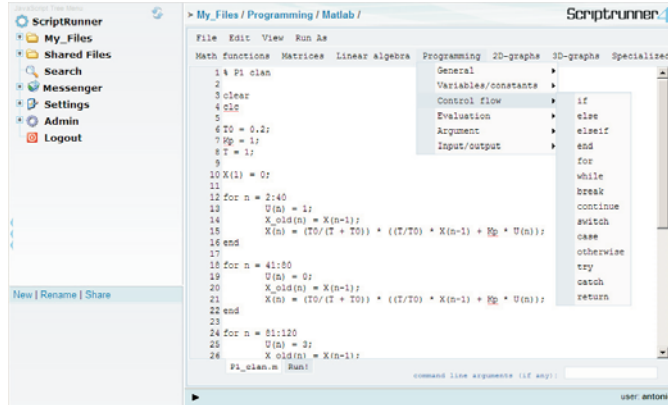


Figure 2 - Editor

- Choose your programming language from the 'Run as' drop down menu and...

- click the 'Run!' button.

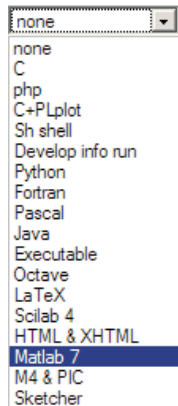


Figure 3 - 'Run as' menu

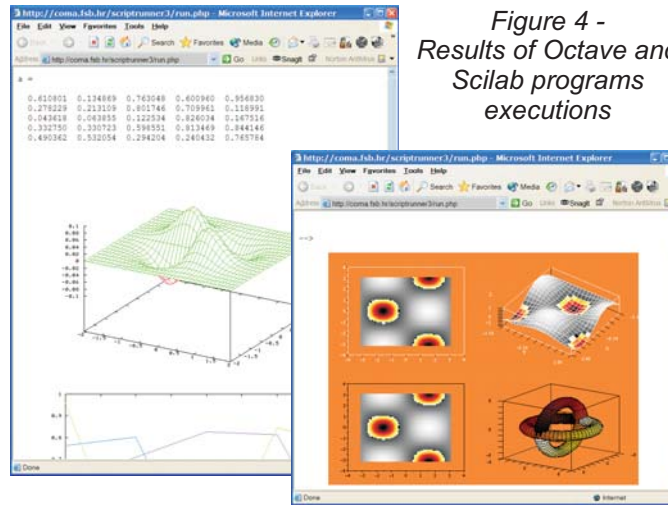


Figure 4 - Results of Octave and Scilab programs executions

## Working with folders, files and plugins

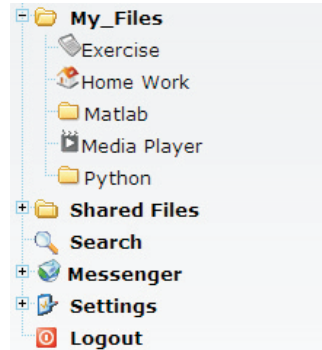


Figure 5 - Folder tree

All files in Scriptrunner are contained in folders that can have subfolders. Every user has a folder named *My Files* where his/her own files are stored. Users also have read access to the folder named *Shared Files*.

You can apply actions (right click): rename, move, delete and public on any folder.

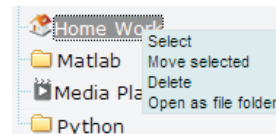


Figure 6 - Right click actions

## Education modules: homeworks, laboratory exercises, reports, exams, surveys ...

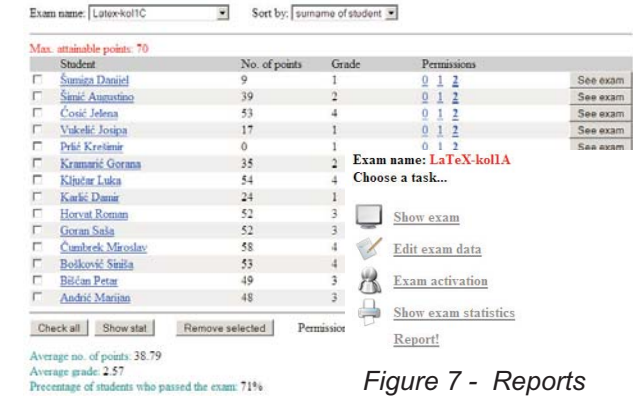


Figure 7 - Reports

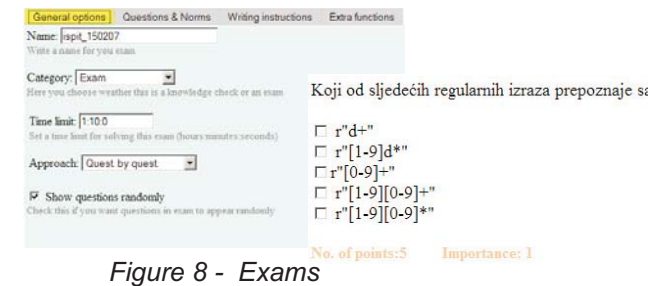


Figure 8 - Exams

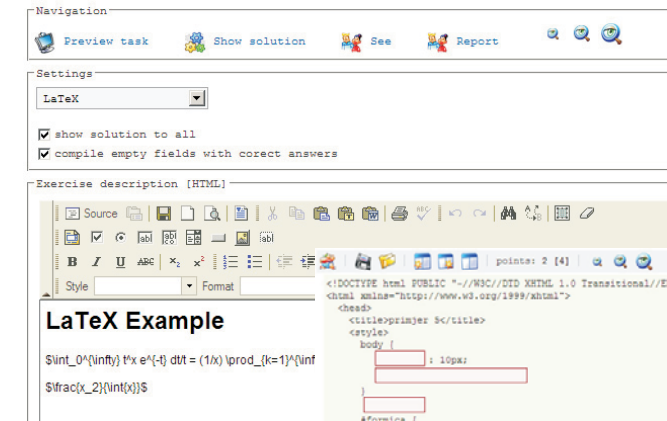


Figure 9 - Laboratory exercises

Compare it with Moodle or WebCT!

## Live pdf documents

Pdf documents are generated from the LaTeX user-friendly environment...

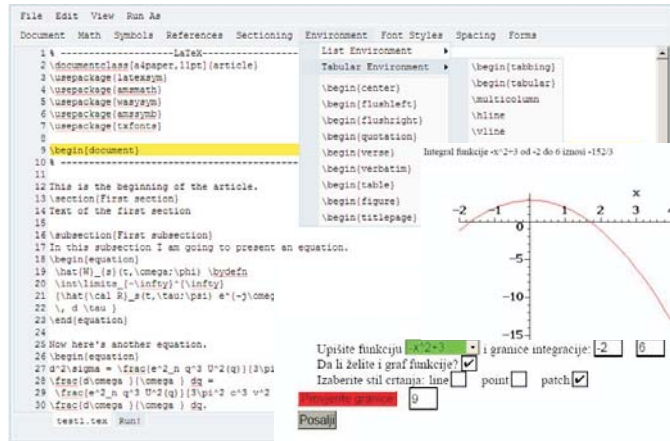


Figure 10 - LaTeX editor & PDF forms

... they can include active control buttons and text input forms. Called program return the results in the html pop-up window or inside pdf page.

## Database of 'live' documents - books, scripts, tutorials ...

The goal of Scriptrunner is writing (LaTeX, XHTML) and publishing (html, pdf) of digital books. Each such book becomes 'live' because the programs with the preferred, regularly different, input data can be called from it.

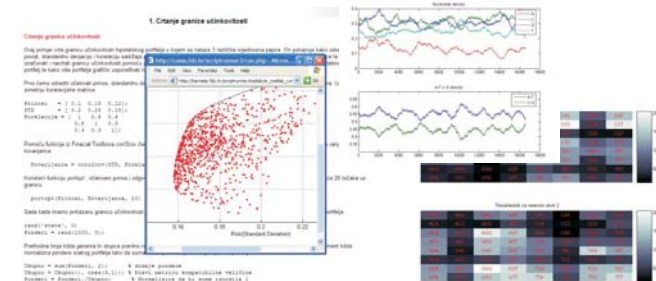


Figure 11 - Live documents

## Multimedia documents

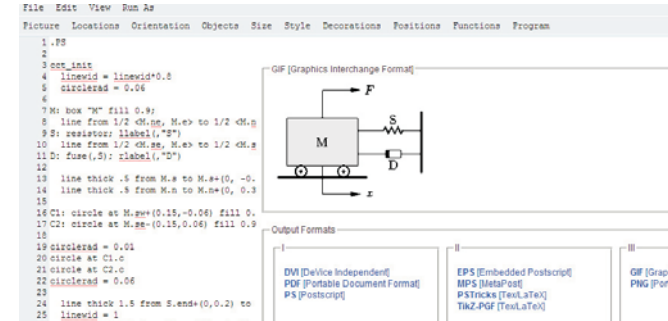


Figure 12 - PIC image



Figure 13 - Media player



Figure 14 - 3D models



Scriptrunner is a web application that enables editing and running programs written in various programming (Fortran, Pascal, C/C++, Java, HTML/Javascript, Tcl/Tk, Python, ...) and mathematical languages (Scilab, Octave, Matlab, Maple, ...).

It is also a tool for writing interactive (HTML, PDF) documents (generated by FCK and LaTeX editors), that can contain editable and executable programming examples.

There are many plug-ins for education (on-line homeworks, reports, surveys, exercises, exams, ...) and research (on-line measurement & control, communication & collaboration, interactive maps, etc.)

Scriptrunner has been developed using PHP/MySQL and JavaScript/Ajax open-source technology.

<http://scriptrunner.fsb.hr>

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