

# Assignment 1 - Youtube downloader

ICS105 - ITWS II, IIIT-Hyderabad

January 4, 2012

In this assignment you will write a Linux shell script to download videos from a site like youtube. The assignment expects familiarity with the following

- Basic Linux commands - `ls`, `find`, `grep`, `ps`, `cut` etc.
- Linux processes - process id, `/proc` structure
- Files - redirection, file handles (descriptors)

## Problem Description

Assume you are on a Linux system, running a web browser (like Firefox) which has a youtube video open. Your task is to save this video as a “flv” (flash video) file on your system, so that it may be accessible even after closing the browser.

Your solution must work on recent versions of Adobe Flash plugin (version  $\geq 10.2$ ). Use this link to check the version of your Flash plugin.

**Note:** You can assume that the youtube video is already open in a browser. You also know which browser this is (say Firefox, Chrome etc.)

## Disclaimer

This is a *rough problem description* to get you started on the assignment. Details (regarding input/output format etc) will be explained later. Start looking around for plausible solutions.

## Deadline

The deadline will be announced soon. Consider the date on this file as the date of posting this assignment.