

# Plagiarism Detection Services

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A host of fee-based and free plagiarism detection services exist as both full-featured online services and downloadable programs. The following list contains some well-known services.

## Plagiarism.org, Turnitin.com

**URL** <http://plagiarism.org/>; student site: <http://turnitin.com>

**Method of Use** Registered students upload papers through the Turnitin.com portal. Using a set of algorithms, papers are cross-referenced or “fingerprinted” against hundreds of thousands of papers in the service’s database and Internet sites. An “originality report” is emailed to the instructor with color-coded links to original sources where suspected passages in the paper occur. Also, the service generates an “overall similarity index,” a five-point scale of similarity with the original source.

**Cost** Costs vary according to number of students. All licenses include:

- plagiarism prevention
- peer review
- research resources
- digital archiving
- class management tools
- administrator help desk support
- Internet and database searches

Departmental, campus and multi-campus license accounts are negotiated individually.

**Trial** For a month free trial with five Originality Reports, visit <http://turnitin.com>.

**Notes** A team of researchers at UC Berkeley developed the computer programs in 1996 to monitor plagiarism in undergraduate classes. A “digital portfolio” service that will provide storage and retrieval of academic documents is a coming feature.

## Plagiserve.com, Edutie.com

<b>URL</b>	<a href="http://www.plagiserve.com">http://www.plagiserve.com</a> ; <a href="http://www.edutie.com">http://www.edutie.com/</a>
<b>Method of Use</b>	Registered students upload papers through either plagiserve.com or edutie.com's portal. Edutie.com is a more comprehensive service, based on Plagiserve.com's technology. The administrative interface and managing capabilities are more robust.
<b>Cost</b>	Plagiserve.com is free; edutie.com has costs: individual, departmental, institutional license accounts are negotiated individually.
<b>Trial</b>	Edutie.com has a free trial with 10 free originality reports.
<b>Notes</b>	Searches 150,000 student term papers, essays and cliff notes in local database and over 1 billion Internet sites. Originality reports are available within 12 hours after the paper is uploaded

## JPlag

<b>URL</b>	<a href="http://www.jplag.de">http://www.jplag.de/</a>
<b>Method of Use</b>	JPlag is used to detect <u>software</u> plagiarism. It finds "similarities among multiple sets of source code files."
<b>Cost</b>	Free
<b>Trial</b>	No trial
<b>Notes</b>	Created by Guido Malpohl, JPlag currently supports Java, C, C++, Scheme, and also natural language text.
<b>Critique</b>	<i>Jplag: Finding Plagiarisms Among a Set of Programs</i> < <a href="http://www.ipd.ira.uka.de/~prechelt/Biblio/jplagTR.pdf">http://www.ipd.ira.uka.de/~prechelt/Biblio/jplagTR.pdf</a> >

## EVE2

<b>URL</b>	<a href="http://www.canexus.com/eve/index.shtml">http://www.canexus.com/eve/index.shtml</a>
<b>Method of Use</b>	Instructor must install the software on her workstation. Papers are collected either on disk, through email, or through an electronic drop-box system. EVE will accept files in Plain Text, Microsoft Word, and Word Perfect format. There are different “strengths” of detection that the instructor must choose; consequently, the complexity of checking and length of time for detection will vary. If plagiarism is detected, the URL is recorded. The instructor is given a report, highlighting any plagiarism.
<b>Cost</b>	Individual instructors may purchase product for \$19.99 for unlimited use for the instructor’s classes only. Site licenses for colleges and universities start at \$399.
<b>Trial</b>	Instructors may download a free copy of EVE2 that will work for 15 days. Download for Windows, not MAC platform.
<b>Notes</b>	This is a Canadian company, so spellings might be different.

## CopyCatchGold

<b>URL</b>	<a href="http://www.copycatch.freemove.co.uk/">http://www.copycatch.freemove.co.uk/</a>
<b>Method of Use</b>	Used to detect plagiarism <u>among</u> students, rather than from “outside sources.” Instructor receives a similarity report. The service reports, “The program will detect plagiarism even when the student changes the order of sentences, replaces words with synonyms, or uses only part of paper.”
<b>Cost</b>	£250 per annum for a single user license for educational users. Site licenses available
<b>Trial</b>	N/A
<b>Notes</b>	Wide variety of acceptable paper formats: ASCII, Ami Pro, Lotus Manuscript, MS Word for DOS, html, MS Works for DOS, etc. About 25% of UK universities have implemented CopyCatch at least at departmental level.

## WordCheck

<b>URL</b>	<a href="http://www.wordchecksystems.com/">http://www.wordchecksystems.com/</a>
<b>Method of Use</b>	The Document Profiling Software or WordCHECK DP identifies word use and word frequency patterns in papers in an internal database or “library” created by the instructor. The instructor can check to see if a paper is similar to other papers written by the author, as well as similar to any papers written by other authors.
<b>Cost</b>	<b>WC/RA Basic Desktop - \$295 (\$149 academic price*):</b> package allows up to 1,000 documents in a profile Library. <b>WC/RA Professional Desktop - \$1,295 (\$897 academic price*):</b> package allows for a capacity of up to 5,000 profiles. Higher number of profiles available. Various licensing packages available.
<b>Trial</b>	A free 30 day trial is available. Demo package allows profile and evaluation of ten documents.
<b>Notes</b>	Microsoft Windows 98 and higher is required or Windows NT 4.0. System requirements: 8 MB Hard Drive space with 64 MB RAM (128 MB RAM is highly recommended), and Internet Explorer 4.0 or higher.

## MOSS

<b>URL</b>	<a href="http://www.cs.berkeley.edu/~aiken/moss.html">http://www.cs.berkeley.edu/~aiken/moss.html</a>
<b>Method of Use</b>	Developed in 1994, MOSS (Measure Of Software Similarity) is an automatic system for determining the similarity of computer programming code. Provided as an Internet service, MOSS produces HTML pages highlights individual passages in programs that appear the same.
<b>Cost</b>	Free
<b>Trial</b>	N/A
<b>Notes</b>	Must use MOSS from either UNIX or Windows systems. Restricted to instructors of programming classes.

## WCopyfind

**URL** <http://plagiarism.phys.virginia.edu/>

**Method of Use** Developed by Lou Bloomfield, Professor of Physics, University of Virginia, this program examines a group of documents that an instructor selects, and pulls out text portions of those documents with matching words in phrases of a specified minimum length. The program cannot find such “shared” phrases from documents that are “external” or those not entered for testing. Recent versions of software can handle web documents

**Cost** Free

**Trial** N/A

**Notes** Wcopyfind is free software, but is covered by a license that places certain restrictions on its use, modification, and distribution. Program can handle non-English characters in most western languages.

## Glatt

**URL** <http://plagiarism.com/>

**Method of Use** Based on “Wilson Taylor's (1953) cloze procedure, the Glatt Plagiarism Screening Program eliminates every fifth word of the suspected student's paper and replaces the words with a standard size blank” for the student to fill in. Assessment is based on correct responses and the time taken to fill out the missing words. It has been used when the original material cannot be located.

**Cost** \$300 if the Glatt Plagiarism Screening Program is sold separately; \$250 if sold along with the Glatt Plagiarism Teaching Program of similar price.

**Trial** N/A

**Notes** Software available on CD-ROM only. Program does not find original material; only helps to detect chances of plagiarism!

## Plagiarism Detection Services Considerations

Positives	Caveats
<ul style="list-style-type: none"><li>*Can act as a deterrent</li><li>*May provide quick, easy links plagiarized sections &amp; Internet source material</li><li>*Can assist in detecting patch-written material</li></ul>	<ul style="list-style-type: none"><li>*Loss of intellectual property</li><li>*Cost</li><li>*Not all original sources in database</li><li>*All instances of material taken from original sources are highlighted, including properly cited material.</li></ul>

## More Information

Condron, Frances. Plagiarism and the Internet. Oct. 2001. Web Page. <http://www.oucs.ox.ac.uk/lrg/reports/plag.shtml#appendix>. 10 March 2002.

Culwin, Fintan and Thomas Lancaster. A Review of Electronic Sources for Plagiarism Detection in Student Submissions. Web Page. URL: <http://www.ics.ltsn.ac.uk/pub/conf2000/Papers/culwin.htm>. 30 January 2002.

Groark, Marie, and Diana Oblinger. "Academic Plagiarism in the Networked Environment." EDUCAUSE. 1 (2001): 1-9.

The Plagiarism Resource Center at The University of Virginia  
<http://plagiarism.phys.virginia.edu/>

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