

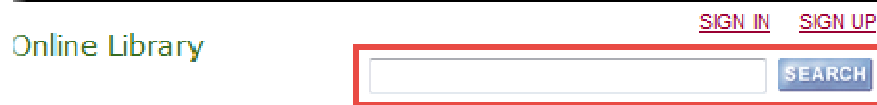


Quick Start Guide- ACM Digital Library

The ACM Digital Library (DL) is one of the most important information resources in computer science. It covers virtually every major area of computing, including such areas as computer security, computer graphics, and information retrieval. This database contains over 2 million full-text articles published by ACM and affiliated organizations', periodicals and proceedings since 1985, as well as bibliographic information, abstracts, and the flagship journal 'Communications of the ACM'.

This guide is intended to help you start searching the database and to save, print or email articles you find.

Searching



Advanced Search

There are Basic and Advanced Search options. They are both in the top right corner of the homepage. Take a few moments to have a look at these different screens, and see which works best for you and the research you are doing.

Advanced Search

ACM DL DIGITAL LIBRARY

Advanced Search

Select items from ?

Where matches all of the following words or phrases: [SIGN IN](#) [SIGN UP](#)

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Common Fields

- Any field
- Title
- Author
- Abstract
- Publication Year
- Full-text

Additional Fields

- Author Affiliation
- Author Keyword
- Conference Location
- Conference Sponsor
- Name (all roles)
- Publisher

Codes

- ISBN/ISSN
- DOI

Classification

- Primary CCS
- CCS

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Click here to select the ACM Guide to Computing Literature, which includes citations to all other publishers in computing. For more information click the green question mark

Select what field you want to search

Click the + symbol to add more rows



Advanced search is useful when you know a specific detail of the article you are looking for, or if you are looking for a specific group of articles. Select what you want to search by, then type your search terms in the box on the right.

It will automatically search for all the words you type, but you can select **matches any** if you want to expand your search to articles that include at least one of the words you type, or you can select **matches none** if you want to exclude articles that include the words you type.

Search results

After you have clicked **Search** a page like the one below will appear.

The screenshot shows a search results page with several annotations in red boxes and arrows:

- Narrow your search by clicking on one of the filters**: Points to the left-hand navigation menu.
- Click on the title to see more details of the article**: Points to the title of the first article.
- You can change the order of the results**: Points to the 'Sort by: relevance' dropdown menu.
- Click here to download the article**: Points to the PDF icon for the first article.
- Click 'result highlights' to see where your search terms are mentioned in the article**: Points to the 'result highlights' link for the first article.

The search results list includes:

- 1** [Fortran compiler comparisons diagnostic capabilities](#)
Polyhedron Software
December 2012 ACM SIGPLAN Fortran Forum: Volume 31 Issue 3, December 2012
Publisher: ACM
Bibliometrics: Citation Count: 0
Downloads (6 Weeks): 28, Downloads (12 Months): 95
Full text available: PDF
[\[result highlights\]](#)
- 2** [Fortran compiler comparisons execution time benchmarks](#)
Polyhedron Software
March 2013 ACM SIGPLAN Fortran Forum: Volume 32 Issue 1, April 2013
Publisher: ACM
Bibliometrics: Citation Count: 0
Downloads (6 Weeks): 27, Downloads (12 Months): 95, Downloads (Overall): 152
Full text available: PDF
[\[result highlights\]](#)
- 3** [Naval avionics center Ada-based design language](#)
CORPORATE Inc. Software Productivity Solutions
June 1988 ACM SIGAda Ada Letters: Volume VI
Publisher: ACM
Bibliometrics: Citation Count: 0
Downloads (6 Weeks): 9, Downloads (12 Months): 27, Downloads (Overall): 86

On the left side, there are filters for 'Refine by People' (Names, Institutions, Authors, Editors, Advisors, Reviewers), 'Refine by Publications' (Publication Names, ACM Publications, All Publications, Content Formats, Publishers), 'Refine by Conferences' (Sponsors, Events, Proceeding Series), and 'Refine by Publication Year' (a line graph showing trends from 1952 to 2010s).

Below the title of each article is the name of the author, which is often an organization. Click on the name to see the author's details, including other articles they have written.

Clicking on any of the filters on the left side of the page will give you a list of ways in which you can narrow your search. For example, clicking on **Authors** will give you a list of authors, and the numbers in brackets after their names are the number of articles they have written that are relevant to your search. You can also click and drag the slider underneath the publication year graph to narrow your search to more recent articles.



The Online Library

Senate House Library, University of London

When you click on the title of an article you will be taken to a page like the one below.

Software modularization using requirements attributes

Full Text: [PDF](#)

Authors: [Tuan N. Al-Otaiby](#) Florida Institute of Technology, Melbourne, FL
[Walter P. E.](#) bourne, FL
[Mohsen](#) bourne, FL

Published in:
· Proceeding
ACM-SE 42 Proceedings of the 42nd annual Southeast regional conference
Pages 104-109
ACM New York, NY, USA ©2004
[table of contents](#) ISBN: 1-58113-870-9 doi>10.1145/986537.986563

· Downloads (6 Weeks): 1
· Downloads (12 Months): 6
· Downloads (cumulative): 705
· Citation Count: 2

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Due to the increasing complexity of today's software applications, design methodologies are of great concern to the software community. The design phase of the software lifecycle is a major factor to the success of a software system. Some studies have shown that the



Browsing

On the left side of the homepage there are many options for you to browse the database. Click on any of the links to be taken to an alphabetical list.

Advanced Search

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Browse all literature by type

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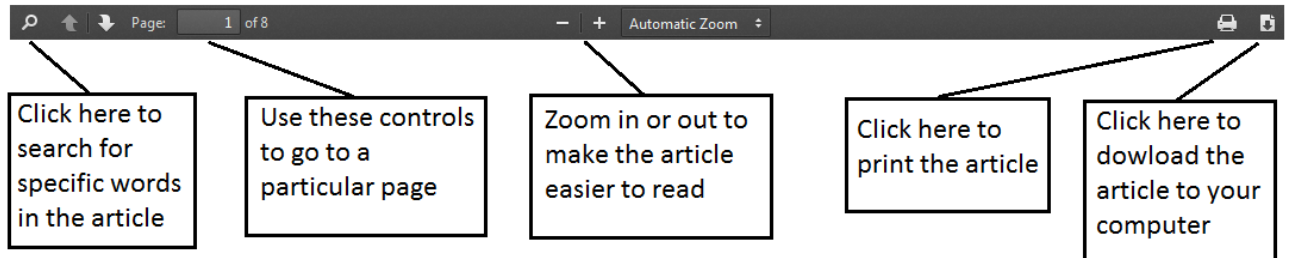
Browse by the [ACM Computing Classification System](#)



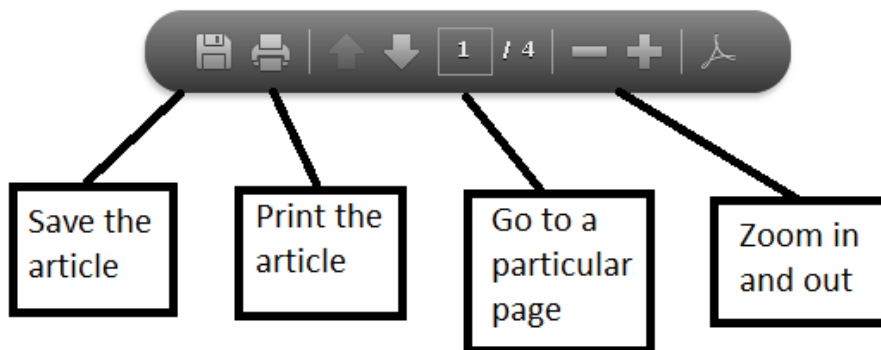
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