

The 2012 ACM Computing Classification System has been developed as a poly-hierarchical ontology that can be utilized in semantic web applications. It replaces the traditional 1998 version of the ACM Computing Classification System (CCS), which has served as the de facto standard classification system for the computing field. It is being integrated into the search capabilities and visual topic displays of the [Digital Library](#). It relies on a semantic vocabulary as the single source of categories and concepts that reflect the state of the art of the computing discipline and is receptive to structural change as it evolves in the future. ACM provides [a tool within the visual display](#) format to facilitate the application of CCS categories to forthcoming papers and a process to ensure that the CCS stays ... [\(More\)](#)

CCS

Computing methodologies

Parallel computing methodologies

Parallel programming languages



+ Assign this CCS Concept



CCS RECENT PAPERS

Interactive View ▼

Parallel algorithms

Parallel programming languages



View your CCS Concept ^

0



About ▼

[Proceedings](#)

[SIGs](#)

[Conferences](#)

[Collections](#)

[People](#)

[Author Guidelines](#)

[Using ACM Digital Library](#)

[All Holdings within the ACM Digital Library](#)

[ACM Computing Classification System](#)

[Accessibility Statement](#)

Join

[Join ACM](#)

[Join SIGs](#)

[Subscribe to Publications](#)

[Institutions and Libraries](#)

Connect

 [Contact us via email](#)

 [ACM on Facebook](#)

 [ACM DL on X](#)

 [ACM on LinkedIn](#)

 [Send Feedback](#)

 [Submit a Bug Report](#)

The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2025 ACM, Inc.

[Terms of Usage](#) | [Privacy Policy](#) | [Code of Ethics](#)

