ICT culture

# AM: Research & Documentation

### Basic Vocabulary

| Open Source | Drive | URL |
| --- | --- | --- |
| Search Engine | Operating System | Kanban Method / Trello |
| IP address | Domain | Screenshot |
| Web browser | Browser cache | Cookies |

Open Source

The term [*open source*](https://www.techtarget.com/searchdatamanagement/news/252482846/ScyllaDB-40-brings-DynamoDB-to-open-source-NoSQL-database) refers to any program whose [source code](https://www.techtarget.com/searchapparchitecture/definition/source-code) is made available for use or modification as users or other developers see fit.

Unlike proprietary software, open source software is [computer software](https://www.techtarget.com/searchapparchitecture/definition/software) that is developed as a public, open collaboration and made freely available to the public.

During the early years of software development, programmers would often share software in order to learn from one another and grow the field of computer programming.

To summarize, the *open source* definition designates that:

* An open source software license is free of charge and redistribution is allowed to anyone without any restriction.
* The source code must be made available so that the receiving party will be able to improve or modify it.
* The license can require improved versions of the software to carry a different name or version from the original software.
* The software may be ported to a new [operating system](https://www.techtarget.com/whatis/definition/operating-system-OS).

Examples of open source softwares:

Cookies

Kanban Method / Trello

### Advanced Vocabulary

| SEO / SEA | SVG / PNG | Git |
| --- | --- | --- |
| HTML | CSS | Python |

SEO / SEA

Python

Git

### Famous people

| Ada Lovelace | Mary Kenneth Keller | Hedy Lamarr |
| --- | --- | --- |
| Margaret Hamilton | Mary Lou Jepsen | Alan Turing |
| Tm Berners-Lee |  |  |

### Web Dev

| Front-end | Back-end | Full-stack |
| --- | --- | --- |
| Framework | API | Responsive |
| HTTP / HTTPS | Git |  |

### AI

| Machine learning | Algorithm | Artificial Intelligence |
| --- | --- | --- |

### Cybersecurity

| Network | Hacking | Pentester |
| --- | --- | --- |

You can also add words that you have never seen before and that you don’t understand.

**Tip**: rephrase things with your own words in order to understand well the concepts

# PM: Discussion

In the afternoon we will discuss all together about the topics and everyone will be able to bring some insights about them.

# Pedagogical objectives

* Use a search engine
* Retrieve relevant information
* Cite sources
* Mutual help
* Increase general culture