

## Plugins Usage Examples

### Refnotes Plugin Usage Examples

These are examples of citations to books [1] and [2], a chapter on a smart companion [3], articles on IoT [4], blimps [5], cloud computing [6], gas emissions [7], pedestrian crossing behaviour [8], smart bicycles [9] and diaper moisture [10], and to Web resources [11], [12] and [13].

Please use superscript and subscript annotations to write powers and indexes, e.g., m<sup>2</sup> and CO<sub>2</sub>.

### Caption Plugin Usage Examples

Table 1 illustrates a boxed table with default column widths and Table 2 with specific column widths.

Table 1: Boxed table

Abbreviation	Description
EPS	European Project Semester
ISEP	Instituto Superior de Engenharia do Porto
USB	Universal Serial Bus

Table 2: Boxed table with specific column widths

Abbreviation	Description
EPS	European Project Semester
ISEP	Instituto Superior de Engenharia do Porto
USB	Universal Serial Bus

Table 3 shows the execution time results for each API. Table 4 lists the fruit bought at the grocery.

Table 3: Time response

API	Time (s)
EJML	26
JAMA	295
JBLAS	29
MTJ	18
WEKA	123

Table 4: Fruit Weight

Fruit	Weight (kg)
Pears	2.60
Apples	2.95
Oranges	1.90

Figure 1 displays a magnificent owl from Lapland.



Figure 1: Owl

Figure 2 illustrates the placement of two images side by side.



Figure 2: Images side by side

Figure 3 presents the European Project Semester (EPS) logo.



Figure 3: EPS logo

### MathJax Plugin Usage Example

Equation `\ref{eq:cosinesimilarity}` represents the cosine similarity between two vectors of features. This similarity measurement takes values in the range of  $[0,1]$  [\[14\]](#). This is an in line expression  $a+b=c$ .

```

\begin{equation}
\cos\alpha=\frac{\hat{A}\cdot\hat{B}}{\|\hat{A}\|\|\hat{B}\|}\equiv\frac{\sum_{j=1}^n\hat{A}_j\hat{B}_j}{\sqrt{\sum_{j=1}^n\hat{A}^2_j}\sqrt{\sum_{j=1}^n\hat{B}^2_j}}
\label{eq:cosinesimilarity} \end{equation}

```

As [\[15\]](#) states, the most popular similarity metrics are the distance and the cosine similarity. The distance-based metrics include the Euclidean distance, the Hamming distance or the Chebyshev distance, among others.

Equation `\ref{eq:euclidean}` displays the Euclidean distance formula.

```

\begin{equation} d(x,y)=\sqrt{\sum_{k=1}^n(x_k-y_k)^2} \label{eq:euclidean} \end{equation}

```

### Todo Plugin Usage Example

For project management

- [Team]Task allocation
- [Team]Gantt chart


<b>Plugins Usage Examples</b>
<input type="checkbox"/> [Team]Task allocation
<input type="checkbox"/> [Team]Gantt chart

## Task Plugin Usage Example

Define, allocate and track the status of the project tasks:

<a href="#">Supervision Meeting Agenda (2nd week)</a>	2015/03/03 00:00	Mary	rejected
<a href="#">Weekly Minute (1st week)</a>	2015/03/03 00:00	John	done
<a href="#">Requirements</a>	2015/03/10 00:00	Rasmus, Arick	started

## AV Task Box Plugin Usage Example

<b>Market research</b> (Adam, Sophie and Xavier)
Perform a market research concerning your product.
(10% of 4 h)  Priority: High

## Code Listing Example

The server code is presented in Listing 1.

Listing 1: Server-side code

```
public class CheckersServer {
    private static final int PORT = 12345;
    private static char[][] board;
    private static List<ClientHandler> clients = new ArrayList<>();
    public static void main(String[] args) {
        board = new char[8][8];
        initializeBoard();
        try (ServerSocket serverSocket = new ServerSocket(PORT)) {
            System.out.println("Checkers Server is running...");
            while (true) {
                Socket clientSocket = serverSocket.accept();
                ClientHandler clientHandler = new
ClientHandler(clientSocket);
                clients.add(clientHandler);
                new Thread(clientHandler).start();
            }
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

## Bibliography

From:

<https://www.eps2025-wiki5.dee.isep.ipp.pt/> - **EPS@ISEP**

Permanent link:

<https://www.eps2025-wiki5.dee.isep.ipp.pt/doku.php?id=example>

Last update: **2025/02/21 11:40**

