

## Plugins Usage Examples

### Refnotes Plugin Usage Examples

This is a reference to a book [Rita Thapa, Hom Bahadur Rijal, Masanori Shukuya, Hikaru Imagawa, 2019] [Kazuko Obayashi, Shigeru Masuyama, 2020], a Web resource [Android Open Source Project, 2014], a chapter [Alexandre Soares dos Reis, Elien Gielen, Ko Wopereis, Marcel Pasternak, Vaido Sooa, Tobias Schneider, Abel J. Duarte, Benedita Malheiro, Jorge Justo, Cristina Ribeiro, Manuel F. Silva, Paulo Ferreira, Pedro Guedes, 2020] and to articles [B. Sotomayor, Ruben S. Montero, I.M. Llorente, I. Foster, 2009], [Ranjith, V. Velmurugan, S. Thanikaikarasan, 2020], [YeongKyun Lee, Jongpil Jeong, 2018]. This is a test with website references [MySelf, 2017], [Cloud Expo, 2008] and [Gartner, 2021].

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

Fruit	Weight (kg)
Apples	2.95
Oranges	1.90

Figure 1 displays a magnificent owl from Lapland.



Figure 1: Owl

Figure 2 presents the European Project Semester (EPS) logo.



Figure 2: 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  $[0,1]$  [\[Sanghamitra Bandyopadhyay, Sriparna Saha, 2013\]](#). This is an in line expression  $a+b=c$ .

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

As [\[Sanghamitra Bandyopadhyay, Sriparna Saha, 2013\]](#) 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.

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

### 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

## Bibliography

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**[Sanghamitra Bandyopadhyay, Sriparna Saha, 2013], [Sanghamitra Bandyopadhyay, Sriparna Saha, 2013]** Sanghamitra Bandyopadhyay, Sriparna Saha, 2013. *Unsupervised Classification: Similarity Measures, Classical and Metaheuristic Approaches, and Applications*. Springer.

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