

## Plugins Usage Examples

### Refnotes Plugin Usage Examples

This is a reference to a book [Fabian A. Mulder, Jouke C. Verlinden, 2013] [Sanghamitra Bandyopadhyay, Sriparna Saha, 2013], a Web resource [Android Open Source Project, 2014] and to an article [B. Sotomayor, Ruben S. Montero, I.M. Llorente, I. Foster, 2009]. This is a test [Cloud Expo, 2008], [European Commission, 2015] and [MySelf, 2017].

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 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 distance}](#) displays the Euclidean distance formula.

$$d(x,y)=\sqrt{\sum_{k=1}^n(x_{k}-y_{k})^2}$$

### 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="#">Gantt Chart</a>	2015/03/11 00:00	Team	done
<a href="#">Weekly Minute (1st week)</a>	2015/03/03 00:00	John	done
<a href="#">Task Allocation</a>	2015/03/11 00:00	Team	verified
<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]** Sanghamitra Bandyopadhyay, Sriparna Saha, 2013. *Unsupervised Classification: Similarity Measures, Classical and Metaheuristic Approaches, and Applications*. Springer.

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