

## Plugins Usage Examples

### Refnotes Plugin Usage Examples

This is a reference to a book [1] [2], a Web resource [Android Open Source Project, 2014], a chapter [4] and to articles [5], [6], [7]. This is a test with website references [8], [Cloud Expo, 2008] and [Gartner, 2021]. A new article reference to blimps [11] and a conference paper on diaper moisture [12]. NIST rules and conventions [13].

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

Table 1: Figures side by side



### Caption Plugin Usage Examples

Table 1 illustrates a boxed table with default column widths and Table 3 with specific column widths.

Table 2: Boxed table

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

Table 3: Boxed table with specific column widths

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

Table 4 shows the execution time results for each API. Table 5 lists the fruit bought at the grocery.

Table 4: Time response

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

Table 5: Fruit Weight

Fruit	Weight (kg)
Pears	2.60
Apples	2.95
Oranges	1.90

Figure 1 displays a magnificent owl from Lapland.

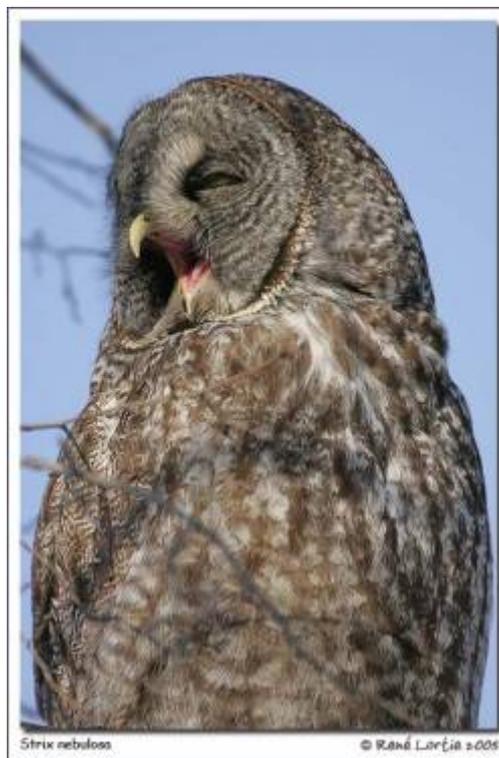


Figure 1: Owl

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  $[0,1]$  [\[14\]](#). 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

Plugins Usage Examples
<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) <div style="width: 10%; background-color: #ccc; display: inline-block;"></div> Priority: High

## Bibliography

**[Android Open Source Project, 2014]** Android Open Source Project, 2014. *Android Developers: Android 4.1 APIs*. [Accessed in April 2017].

**[Cloud Expo, 2008]** Cloud Expo, 2008. *Twenty-One Experts Define Cloud Computing*. [Accessed in April 2021].

**[Gartner, 2021]** Gartner, 2021. *Gartner Magic Quadrant for Data Science and Machine Learning Platforms*. [Accessed in April 2021].

**[11]** Mahn:2006

**[12]** Khan:2018

**[13]** NIST:2004

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