

Write multiple images on a single page in org-mode.

Arne Babenhauserheide

January 14, 2014

How to add show multiple images on one page in the latex-export of emacs org-mode. I had this problem. This is my current solution.

Contents

1	Prep	1
2	Multiple images on one page in \LaTeX	2
3	Multiple images on one page in org-mode	3

1 Prep

Use the package subfig:

```
#+latex_header: \usepackage{subfig}
```

And create an image:

```
import pylab as pl
import numpy as np
x = np.random.random(size=(2,1000))
pl.scatter(x[0,:], x[1,:], marker=".")
pl.savefig("test.png")
print "\label{fig:image}"
print "[[./test.png]]"
```

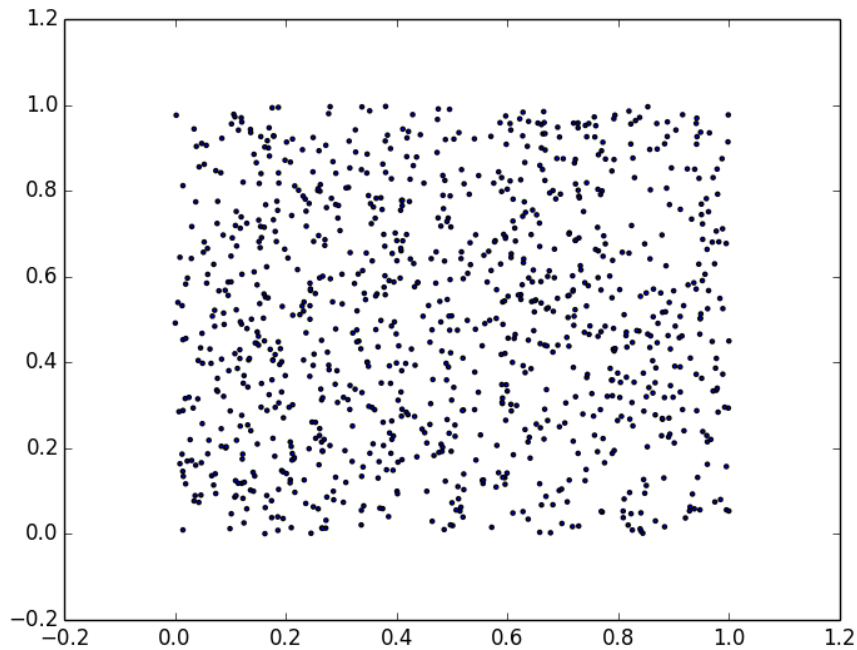


Image: 1

2 Multiple images on one page in \LaTeX

```
#+BEGIN_LaTeX
\begin{figure}\centering
\subfloat[A gull]{\label{fig:latex-gull}
\includegraphics[width=0.3\textwidth]{test}
}
\subfloat[A tiger]{\label{fig:latex-tiger}
\includegraphics[width=0.3\textwidth]{test}
}
\subfloat[A mouse]{\label{fig:latex-mouse}
\includegraphics[width=0.3\textwidth]{test}
}
\caption{Multiple pictures}\label{fig:latex-animals}
\end{figure}
#+END_LaTeX
```

Latex-Animals 1.

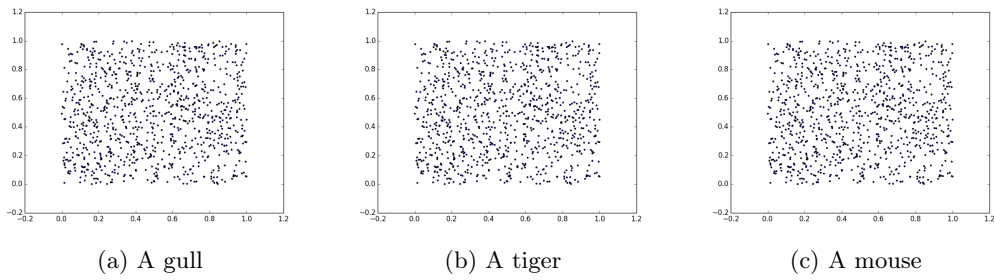


Figure 1: Multiple pictures

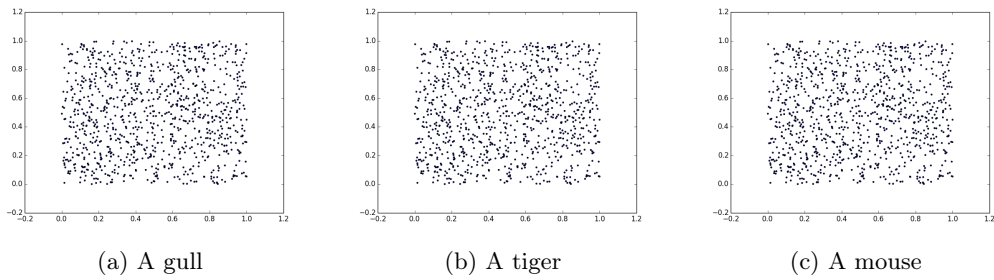


Figure 2: Multiple pictures

3 Multiple images on one page in org-mode

```

#+latex: \begin{figure}\centering
#+latex: \subfloat[A gull]{\label{fig:org-gull}}
#+attr_latex: :width 0.3\textwidth
[[./test.png]]
#+latex: }\subfloat[A tiger]{\label{fig:org-tiger}}
#+attr_latex: :width 0.3\textwidth
[[./test.png]]
#+latex: }\subfloat[A mouse]{\label{fig:org-mouse}}
#+attr_latex: :width 0.3\textwidth
[[./test.png]]
#+latex: }\caption{Multiple pictures}\label{fig:org-animals}
#+latex: \end{figure}

```

Org-Animals 2.