

# flashvideo.sty

This package allows direct embedding of flash movies into PDF files. It is designed for use with pdflatex.

Basically it uses the fact that the Adobe Reader 9 contains an embedded Adobe Flash player which can be invoked with the “rich media annotation” feature which is described in “Adobe Supplement to the ISO 32000 BaseVersion: 1.7 ExtensionLevel: 3”.

This means that you can only use flashmovie.sty in combination with Adobe Reader 9 and upwards.

**It is recommended to use the latest available version of the Adobe Reader to view PDF files generated with flashmovie.sty.**

P.S.: This sample video is courtesy of the NASA ( saturn5.avi ).

The source code used for the video on the previous page is:

```
\flashmovie[width=10cm,height=10cm,engine=flv-player,auto=1]{saturn5.mp4}
```

This means that the movie is rendered with the “flv-player” whose developer is neolao. This player is distributed under the MPL version 1.1. It is included in this package and is the recommended way to use “flashmovie.sty” besides directly embedding “.swf” files.

## Examples

```
\flashmovie[width=8cm,height=5cm,engine=flv-player,auto=0]{saturn5.mp4}
```

In this example the video is not started before the user clicks on it.

```
\flashmovie[width=8cm,height=5cm,engine=flv-player,auto=0,image=saturn.jpg]{saturn5.mp4}
```

Here additionally an image is displayed before the movie starts.

Rich media annotations are not restricted to videos. Here for example is a clock written in action script:

```
\flashmovie[width=8cm,height=5cm]{clock.swf}
```