"Jarnal is an open-source application for notetaking, sketching, keeping a journal, making a presentation, annotating a document - including pdf - or collaborating using a stylus, mouse or keyboard."

Website - http://www.dklevine.com/general/software/tc1000/jarnal.htm

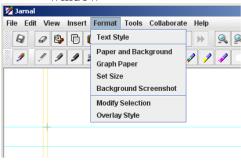
Installation -

- 1. Go to Download page <u>http://www.dklevine.com/general/software/tc1000/jarnal-down.htm</u>
- 2. Grab zip file <u>jarnal-install.zip</u> as indicated
- 3. Extract to directory like C:\Program Files\Jarnal
- 4. (Optional) If you want to put a PDF file in the background, then download and unzip jpedallib.zip as described at

http://www.dklevine.com/general/software/tc1000/jarnal-back.htm

Run -

- 5. Go to like C:\Program Files\Jarnal and run jarnal.jar. You need Java installed.
- 6. Set line style Format Paper and Background. Select what you want in new window

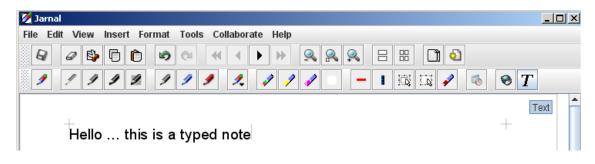


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color	-	Show	
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Bottom Highlighter		Insert Text	
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255 Transparency		Portable	
Copy Paper		Save With File	
Absolute Scale		Open	
		Remove	
Apply Paper to All Pages			
Apply to All with Background			
Done			
L	one		

7. You can paste images from clipboard and annotate them

lie Edit View Insert Format Tools Collaborate Help	Jarnal	
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8. You can type text – Click T, click anywhere on page and type.



9. To add PDF (if jpedallib.zip above was installed) – On Blank page, Go to File, Open Background, select PDF file, The PDF appears and you can mark it up. You can zoom in if needed under view.

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File Edit View Insert Format Tools Collaborate Help
General Relativity Thursday, September 18, 2008
7:07 AM
What is General Relativity? Fictitious Forces Einstein's Principle of Equivalence Spacetime Schwarschild's Solution Black Holes The Big Bang Cosmology Today
Introduction to General Relativity
Uniform Circular Motion Coriolis Force a mouse
Due to the earth's rotation
V Objects deflect to the right in the northern hemisphere Northern Hemisphere
F c Southern Hemisphere Objects deflect to the left
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10. You can save and load Jarnal files from Jarnal. These files have extensions jaj. Sometimes you will see the warning below when there is no problem. Just click OK.



## Jarnal - Java Notetaker and PDF Annotator