

Block Diagrams through Xfig

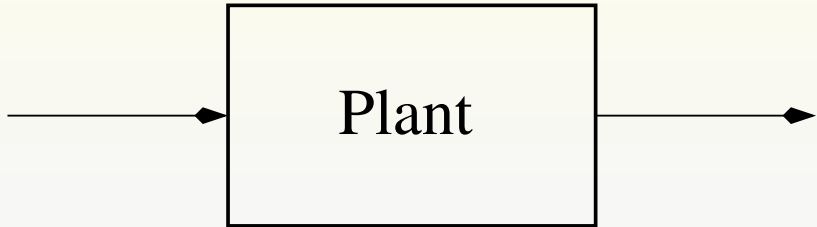
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Talk to a Teacher Project
<http://spoken-tutorial.org>
National Mission on Education through ICT
<http://www.sakshat.ac.in>
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Talk to a Teacher

Will Explain how to Create this Figure



What Tools are Required

- ▶ **Xfig**



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 - ▶ Block diagram manipulation tool



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 - ▶ I am using version 3.2 patch level 5



What Tools are Required

- ▶ **Xfig**
 - ▶ Block diagram manipulation tool
 - ▶ I am using version 3.2 patch level 5
- ▶ **Other tools: terminal, pdf browser**



Operating Systems

- I am creating this tutorial on Mac OS X



Operating Systems

- ▶ I am creating this tutorial on Mac OS X
- ▶ Xfig works on Linux and Windows also



Operating Systems

- ▶ I am creating this tutorial on Mac OS X
- ▶ Xfig works on Linux and Windows also
- ▶ **Installation on Linux is the easiest of all**



Operating Systems

- ▶ I am creating this tutorial on Mac OS X
- ▶ Xfig works on Linux and Windows also
- ▶ Installation on Linux is the easiest of all
- ▶ The procedure to use Xfig is the same in all three



3-Button Mouse

- It is recommended to use a three button mouse for Xfig



3-Button Mouse

- ▶ It is recommended to use a three button mouse for Xfig
- ▶ But one or two button mouse can also be configured to work



User Manual of Xfig

- ▶ We can see the introduction to Xfig in this page.
- ▶ We can see the Table of Contents of this manual here.
- ▶ We can see the details of people who created Xfig here



Screen Configuration for this Tutorial

- ▶ The slides
- ▶ Xfig
- ▶ Internet browser - Firefox
- ▶ Terminal
- ▶
- ▶ Arranged in an overlapping fashion
- ▶ For easy switch from one to the other
- ▶ The listener can easily understand when the switch happens - no need for guess work



Let us begin with Xfig



We have an Assignment for you

- ▶ **Substitute the box with different objects**



We have an Assignment for you

- ▶ **Substitute the box with different objects**
- ▶ **Create a rectangle using polyline**



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- ▶ **Substitute the box with different objects**
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- ▶ **Change the size and the direction of the arrows in the figure**



We have an Assignment for you

- ▶ **Substitute the box with different objects**
- ▶ **Create a rectangle using polyline**
- ▶ **Change the size and the direction of the arrows in the figure**
- ▶ **Move the text, line and box to different locations**



We have an Assignment for you

- ▶ **Substitute the box with different objects**
- ▶ **Create a rectangle using polyline**
- ▶ **Change the size and the direction of the arrows in the figure**
- ▶ **Move the text, line and box to different locations**
- ▶ **Export the file in eps format and view it**



Talk to a Teacher

We have an Assignment for you

- ▶ Substitute the box with different objects
- ▶ Create a rectangle using polyline
- ▶ Change the size and the direction of the arrows in the figure
- ▶ Move the text, line and box to different locations
- ▶ Export the file in eps format and view it
- ▶ View the file block.fig in an editor and identify different components



We have an Assignment for you

- ▶ **Substitute the box with different objects**
- ▶ **Create a rectangle using polyline**
- ▶ **Change the size and the direction of the arrows in the figure**
- ▶ **Move the text, line and box to different locations**
- ▶ **Export the file in eps format and view it**
- ▶ **View the file block.fig in an editor and identify different components**
- ▶ **Create entirely different block diagrams**



Funding Support

- ▶ **Spoken Tutorial is a part of the Talk to a Teacher project**



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- ▶ More information on this mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



Spoken Tutorial Project

- ▶ The website for the spoken tutorial project is <http://spoken-tutorial.org>
- ▶ This project is explained by the video available at the link

What is a Spoken Tutorial

- ▶ At <http://spoken-tutorial.org/wiki>, we have listed the FOSS tools supported by our project
- ▶ Let us also see the page devoted to Xfig



Welcome your Participation/Feedback

- We welcome your participation and also feedback



Welcome your Participation/Feedback

- ▶ We welcome your participation and also feedback
- ▶ Thanks for joining

