

# Create and Edit Components in CellDesigner

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Bella Tony  
IIT Bombay

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# Learning Objectives



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**We will learn to**



# Learning Objectives

We will learn to

- Open an already saved .xml file in the draw area



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- Open an already saved .xml file in the draw area
- Change the following in Compartment
  - shape-size, color and thickness of the border



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**We will learn to**

- **Open an already saved .xml file in the draw area**
- **Change the following in Compartment**
  - shape-size, color and thickness of the border
- **Create multiple files in CellDesigner**



# Learning Objectives

We will learn to

- Open an already saved .xml file in the draw area
- Change the following in Compartment
  - shape-size, color and thickness of the border
- Create multiple files in CellDesigner
- **Change identity of a Species**



# Learning Objectives





# Learning Objectives

**We will also learn**



# Learning Objectives

**We will also learn**

- **How to Cut, Copy and Paste a Species**



# Learning Objectives

We will also learn

- How to Cut, Copy and Paste a Species
- About Start-point and End-point of a Species



# Learning Objectives

We will also learn

- How to Cut, Copy and Paste a Species
- About Start-point and End-point of a Species
- How to Activate and change color of a Species



# Learning Objectives

We will also learn

- How to Cut, Copy and Paste a Species
- About Start-point and End-point of a Species
- How to Activate and change color of a Species
- **Change properties of Reaction**



# Learning Objectives

We will also learn

- How to Cut, Copy and Paste a Species
- About Start-point and End-point of a Species
- How to Activate and change color of a Species
- Change properties of Reaction
- **And close a File**



# System Requirement



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- **Ubuntu Linux OS 14.04**





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- **Ubuntu Linux OS 14.04**
- **CellDesigner version 4.3**



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- **Ubuntu Linux OS 14.04**
- **CellDesigner version 4.3**
- **Java 1.7**



# Pre -requisites



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**Learners should be familiar with:**



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- **Undergraduate Biochemistry**



# Pre -requisites

**Learners should be familiar with:**

- **Undergraduate Biochemistry**
- **CellDesigner interface**



# Note to Learners

- 1 Some of the previous tutorials in this series, were created on Windows OS
- 2 However, hereon the series will be completed on Ubuntu Linux OS



# Summary





# Summary

**We have learnt to**



# Summary

We have learnt to

- Open an already saved .xml file in the draw area



# Summary

We have learnt to

- Open an already saved .xml file in the draw area
- **Change shape-size, color and thickness of the border of a Compartment**



# Summary

We have learnt to

- Open an already saved .xml file in the draw area
- Change shape-size, color and thickness of the border of a Compartment
- **Create multiple files in CellDesigner**



# Summary

We have learnt to

- Open an already saved .xml file in the draw area
- Change shape-size, color and thickness of the border of a Compartment
- Create multiple files in CellDesigner
- Change identity and cut, copy - paste a Species



# Summary



# Summary

**We have learnt**



# Summary

We have learnt

- **About Start-point and End-point of a Species**





# Summary

We have learnt

- About Start-point and End-point of a Species
- **how to Activate a Species**



# Summary

**We have learnt**

- **About Start-point and End-point of a Species**
- **how to Activate a Species**
- **Change color of a Species**



# Summary

**We have learnt**

- **About Start-point and End-point of a Species**
- **how to Activate a Species**
- **Change color of a Species**
- **Change properties of Reaction**



# Summary

**We have learnt**

- **About Start-point and End-point of a Species**
- **how to Activate a Species**
- **Change color of a Species**
- **Change properties of Reaction**
- **And close a File**



# Assignment

- 1 Create a Complex and place a Species inside the Complex
- 2 Explore the tool bar and find out how to add a reactant and a product to a reaction



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team:

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



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- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

