

Create and Edit Components in CellDesigner

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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29 May 2015



Learning Objectives



Learning Objectives

We will learn to



Learning Objectives

We will learn to

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



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



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**



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**

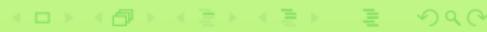


System Requirement

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



Pre -requisites



Pre -requisites

Learners should be familiar with:



Pre -requisites

Learners should be familiar with:

- **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
- 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



Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- 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>

