

Basic bone animation

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Shital Joshi

IIT Bombay

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Learning Objectives



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We will also learn to



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We will also learn to

- Add bones



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- Add **bones**
- Attach **bones** to body



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We will also learn to

- Add **bones**
- Attach **bones** to body
- Animate the **bones**



System requirements

To record this tutorial, I am using



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- **Ubuntu Linux 14.04 OS**



System requirements

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- Ubuntu Linux 14.04 OS
- Synfig version 1.0.2



Body parts

- **Ensure that all the parts of the body are in different layers**



- Rig the upper part of the body
- with fixed joints using the Skeleton



Skeleton

- **Every part of the body needs to be attached to the Skeleton**



Skeleton

- **Only then we can animate all the parts of the body using bones**



Summary

- Basic **bone** animation in Synfig



Summary

We also learnt to

- Add **bones**
- Attach **bones** to the body
- Animate the **bones**



Assignment

- Open the Synfig file, given to you in the **Code files link**
- Add bones and animate the hand



About the Spoken Tutorial Project

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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



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Forum for specific question

- Do you have questions in **THIS Spoken Tutorial?**
- Please visit <http://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from the Spoken Tutorial forum will answer them



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

