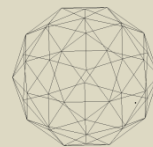


# Basic 3D animation using Blender

SKANI101x



## Installing Blender on Linux

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**Dr. Sameer Sahasrabudhe**

Nitin Ayer and Sneha Sanglikar

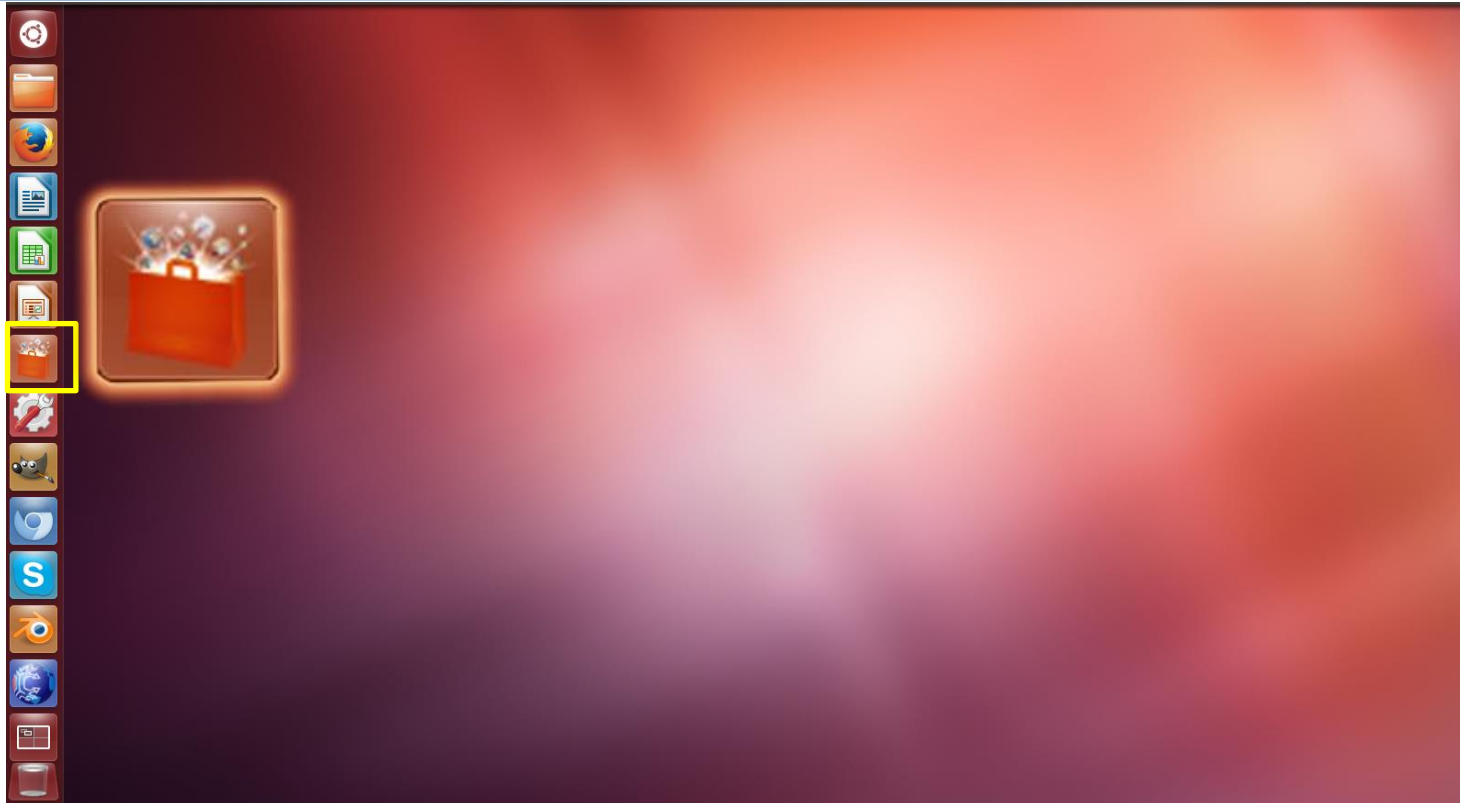
IIT Bombay

# Outline

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- Download Blender
- Install Blender on Linux system

# Software center



# Software center









Ubuntu Software Center

All Software Installed History













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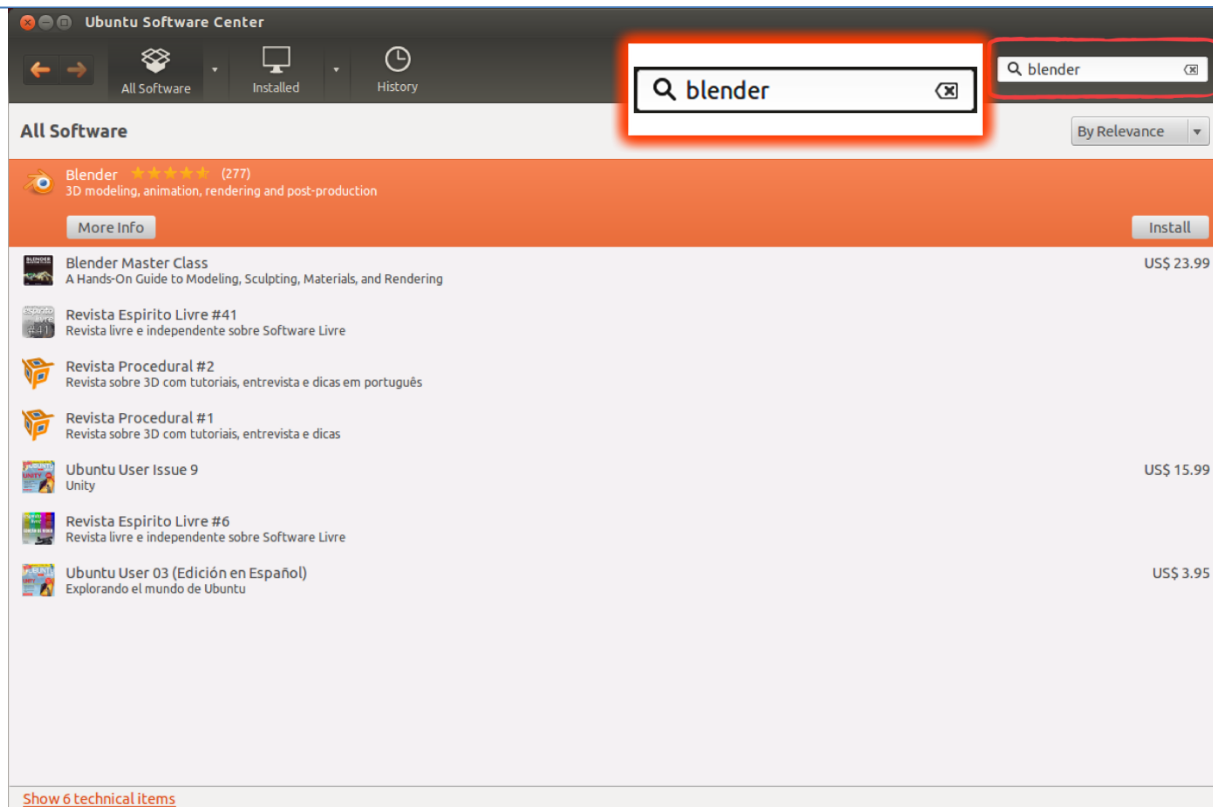
What's New

 <b>Leds System</b> ★★★★☆ (8) Free	 <b>Ask Ubuntu Lens (unit...</b> System ★★★★☆ (21) Free	 <b>wxPdfspell PDF Office</b> Free	 <b>wxlpesell Office</b> Free	 <b>MyCraft Games</b> US\$ 2.99
 <b>dmMediaConverter Sound &amp; Video</b> ★★★★☆ (6) US\$ 3.00	 <b>Numix - Square Icon Themes &amp; Tweaks</b> ★★★★☆ (4) US\$ 2.99	 <b>Numix - Circle Icon Themes &amp; Tweaks</b> ★★★★☆ (1) US\$ 2.99		

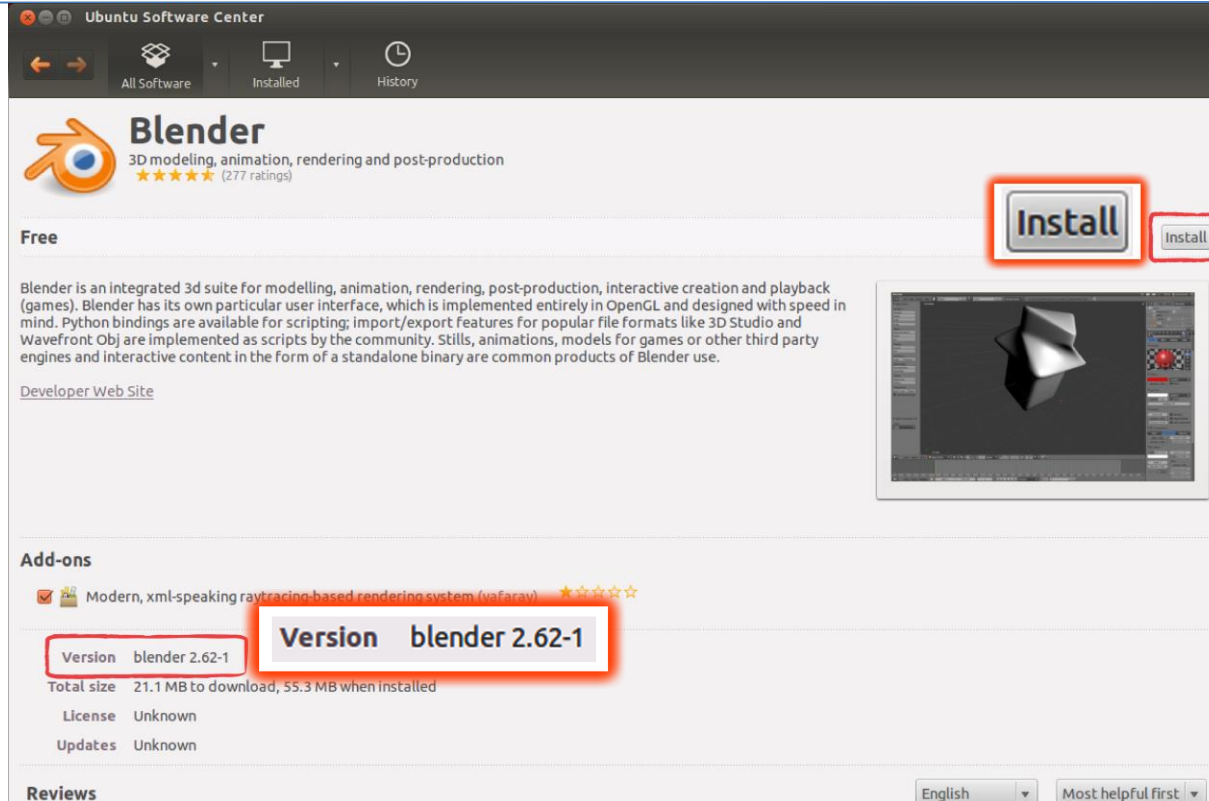
Top Rated

 <b>GParted Partition Editor</b> Themes & Tweaks ★★★★☆ (545) Free	 <b>Geany IDEs</b> ★★★★☆ (457) Free	 <b>GeoGebra Mathematics</b> ★★★★☆ (72) Free	 <b>Battle for Wesnoth (1... Games</b> ★★★★☆ (128) Free	 <b>Battle for Wesnoth M... Games</b> ★★★★☆ (128) Free
 <b>Synaptic Package Ma...</b> Themes & Tweaks ★★★★☆ (358) Free	 <b>Stellarium Astronomy</b> ★★★★☆ (458) Free	 <b>Ubuntu restricted extr... System</b> ★★★★☆ (381) Free	 <b>7zip Accessories</b> ★★★★☆ (516) Free	 <b>FileZilla File Sharing</b> ★★★★☆ (490) Free
 <b>Inkscape Vector Grap...</b> Drawing ★★★★☆ (364) Free	 <b>SMPlayer Sound &amp; Video</b> ★★★★☆ (391) Free			

# Software center – Search



# Software center – Select and install



Ubuntu Software Center

All Software Installed History

## Blender

3D modeling, animation, rendering and post-production  
★★★★★ (277 ratings)

**Free**

Blender is an integrated 3d suite for modelling, animation, rendering, post-production, interactive creation and playback (games). Blender has its own particular user interface, which is implemented entirely in OpenGL and designed with speed in mind. Python bindings are available for scripting; import/export features for popular file formats like 3D Studio and Wavefront Obj are implemented as scripts by the community. Stills, animations, models for games or other third party engines and interactive content in the form of a standalone binary are common products of Blender use.

[Developer Web Site](#)

**Install**

**Add-ons**

Modern, xml-speaking raytracing-based rendering system (vafarav) ★★★★★

**Version** blender 2.62-1

Total size 21.1 MB to download, 55.3 MB when installed

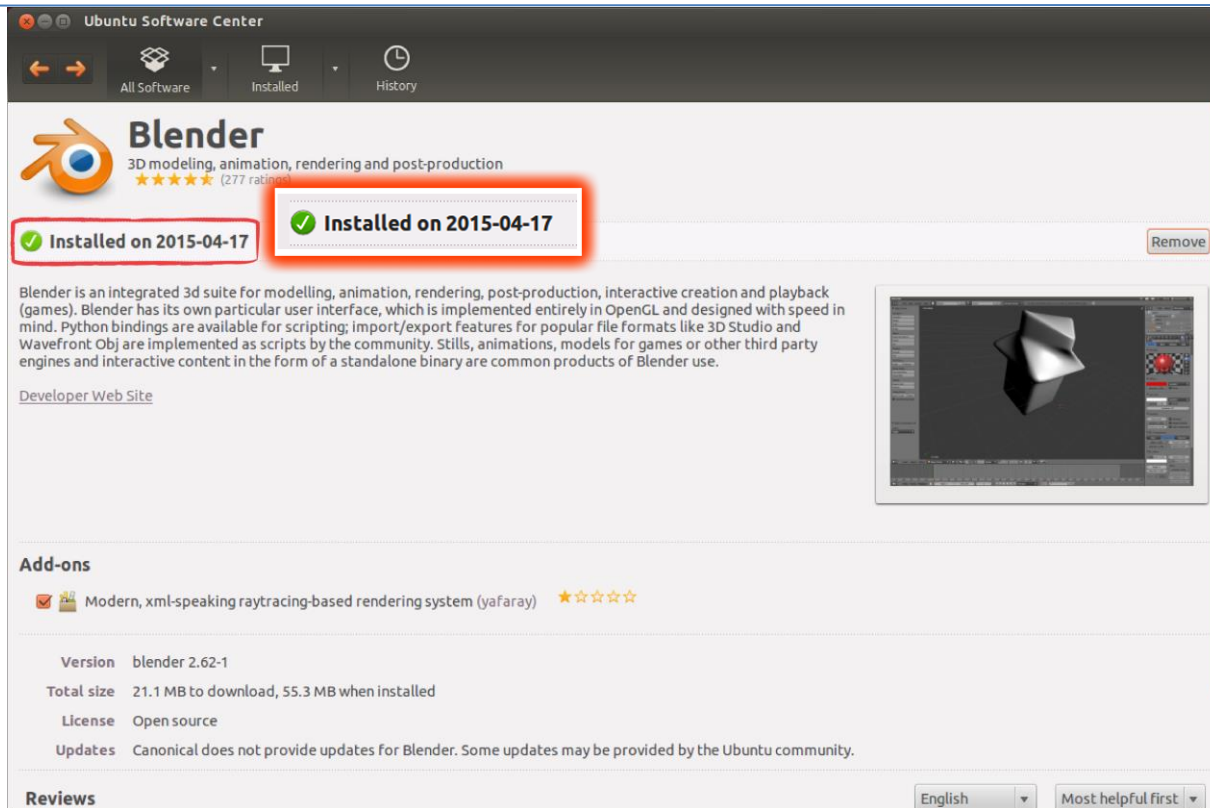
License Unknown

Updates Unknown

**Reviews**


English Most helpful first

# Installation



Ubuntu Software Center

All Software Installed History

 **Blender**  
3D modeling, animation, rendering and post-production  
★★★★★ (277 ratings)

✓ Installed on 2015-04-17

✓ Installed on 2015-04-17

Remove

Blender is an integrated 3d suite for modelling, animation, rendering, post-production, interactive creation and playback (games). Blender has its own particular user interface, which is implemented entirely in OpenGL and designed with speed in mind. Python bindings are available for scripting; import/export features for popular file formats like 3D Studio and Wavefront Obj are implemented as scripts by the community. Stills, animations, models for games or other third party engines and interactive content in the form of a standalone binary are common products of Blender use.

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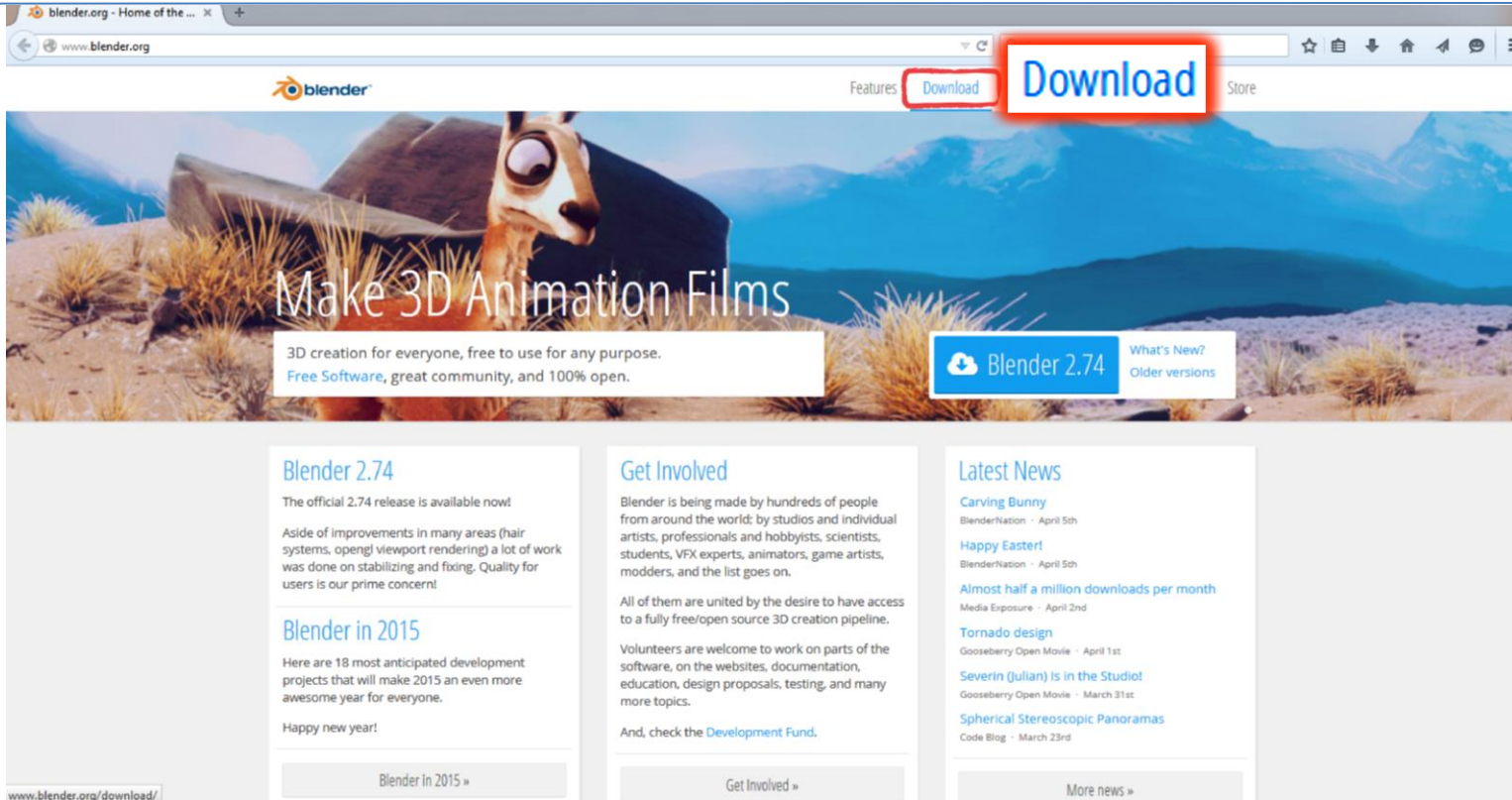
License Open source

Updates Canonical does not provide updates for Blender. Some updates may be provided by the Ubuntu community.

**Reviews**

English Most helpful first

# URL: www.blender.org



The screenshot shows the Blender.org homepage. At the top, the browser address bar displays 'www.blender.org'. The website header includes the Blender logo, navigation links for 'Features', 'Download', and 'Store', and a large 'Download' button. The main banner features a 3D rendered image of a deer in a desert landscape with the text 'Make 3D Animation Films' and '3D creation for everyone, free to use for any purpose. Free Software, great community, and 100% open.' Below the banner, there are three columns of content: 'Blender 2.74' (announcing the official release), 'Get Involved' (encouraging community participation), and 'Latest News' (listing recent updates and events). At the bottom left, a small link 'www.blender.org/download/' is visible.



# Installation: Use stable release

[Windows](#)[Mac OSX](#)[GNU/Linux](#)[Source Code](#)[Daily Builds](#)

## Blender 2.74 for GNU/Linux

[64 bit](#)[32 bit](#)

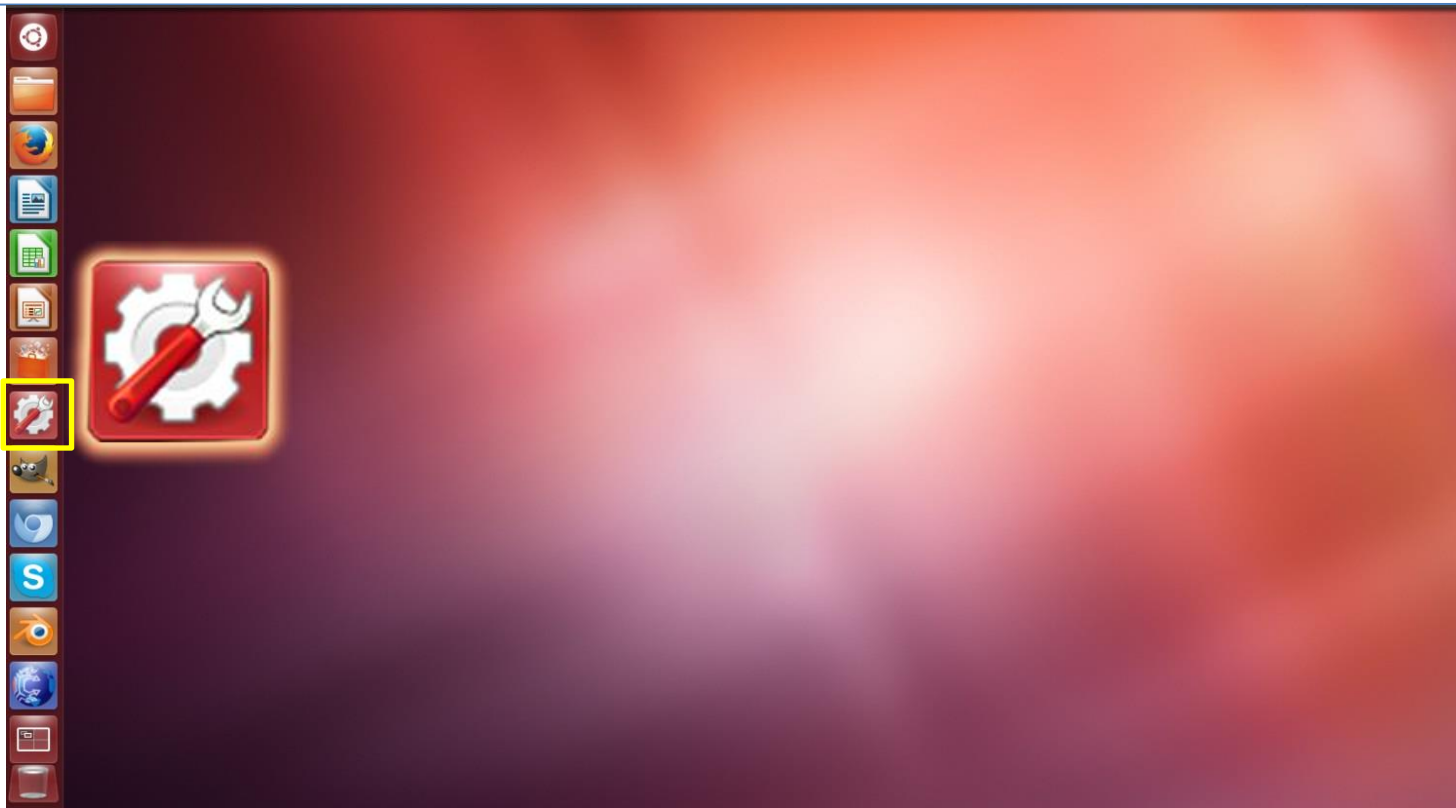
Requires glibc 2.11. Suits most recent GNU/Linux distributions



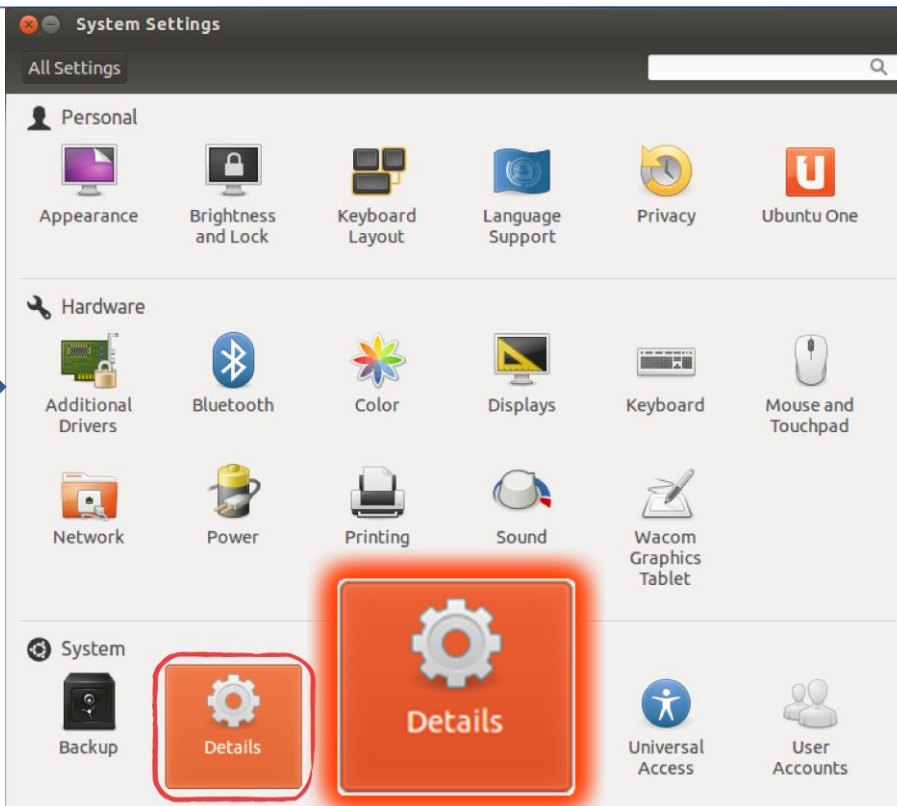
### Tarball .bz2

[USA  
DE  
NL 1  
NL 2](#)[USA  
DE  
NL 1  
NL 2](#)

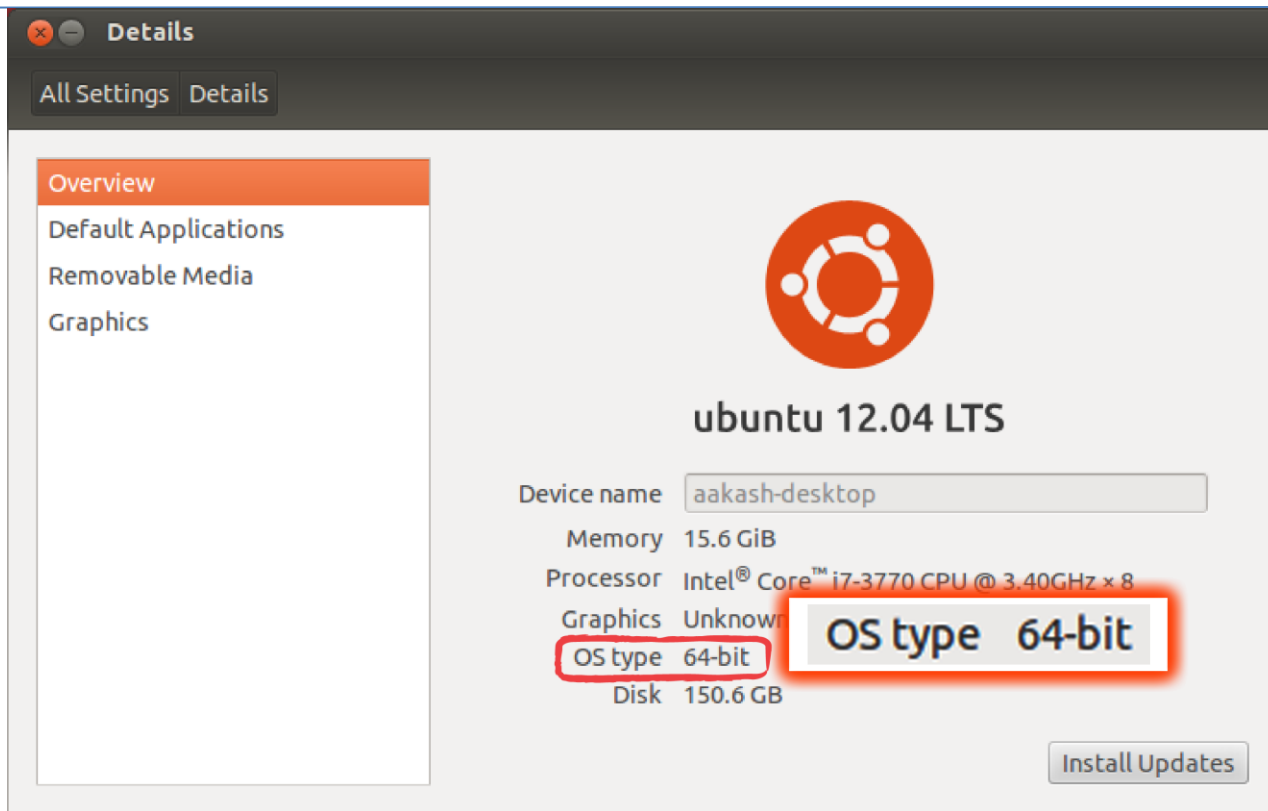
# System settings



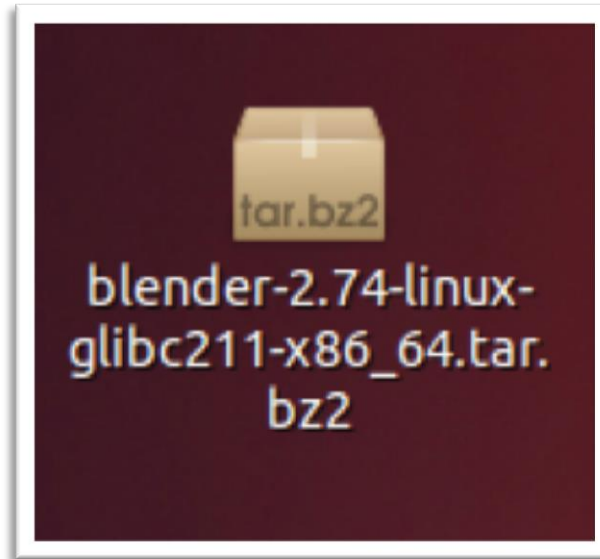
# Determining operating system version



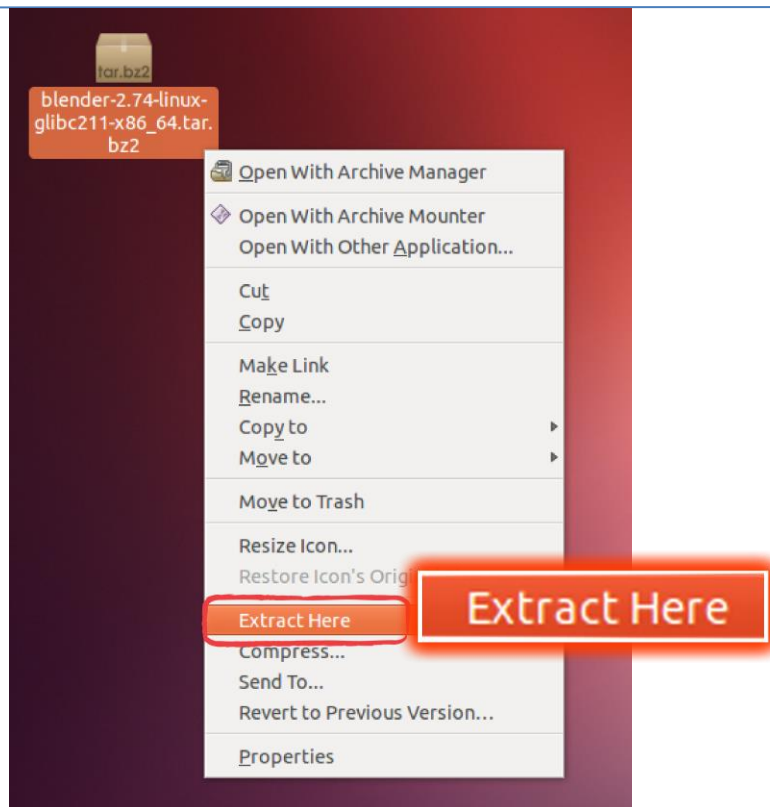
# Determining operating system type



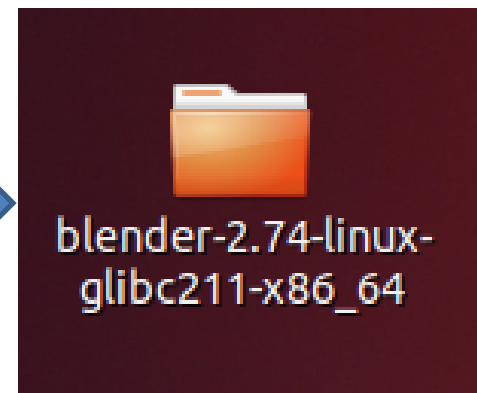
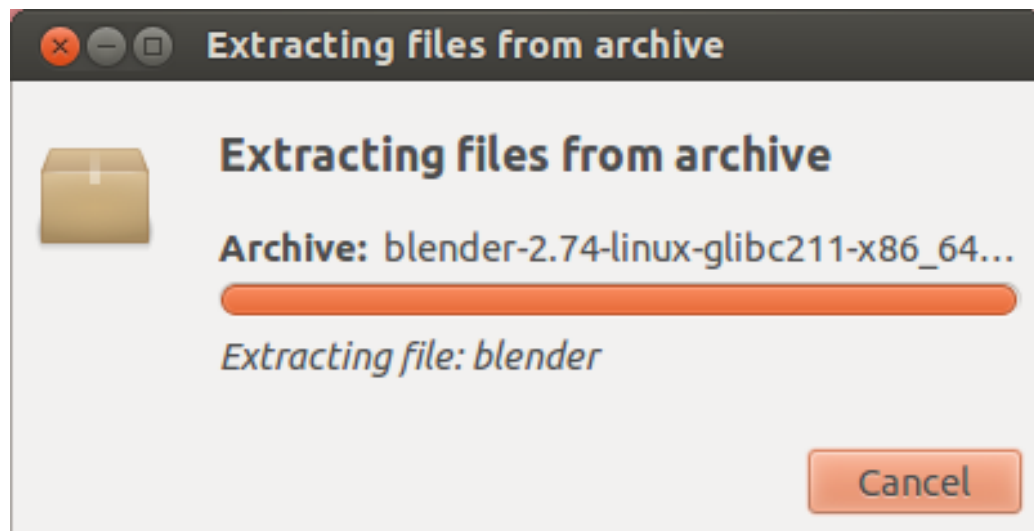
# Installing using .Zip



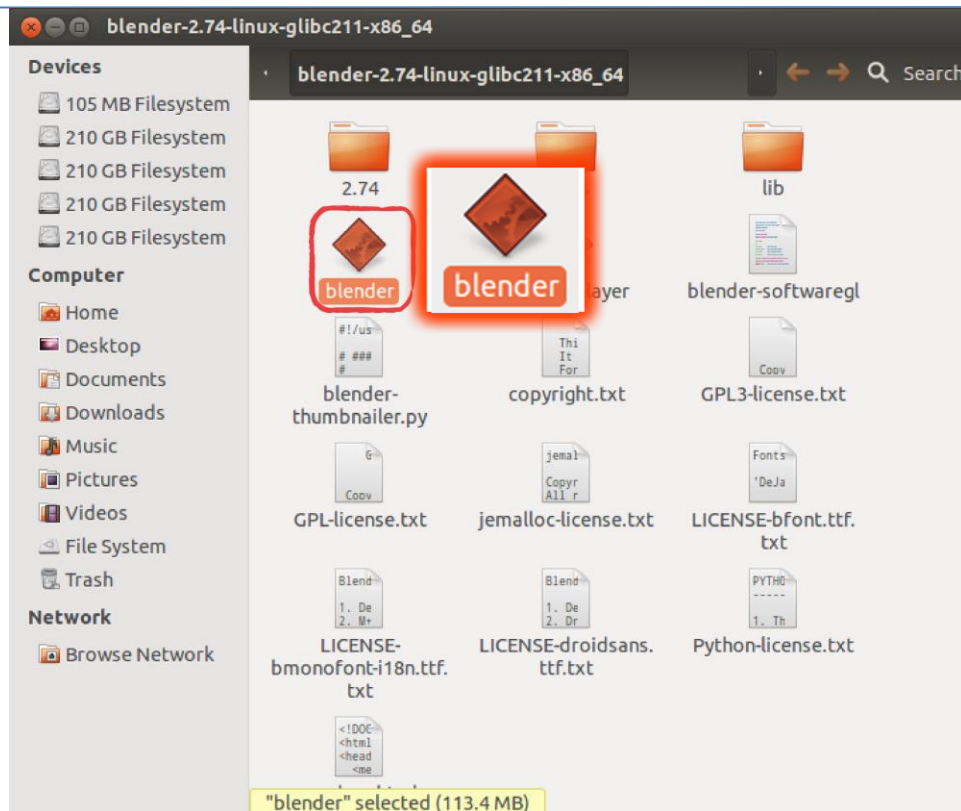
# Extract the .Zip file



# Extracting file



# Blender folder

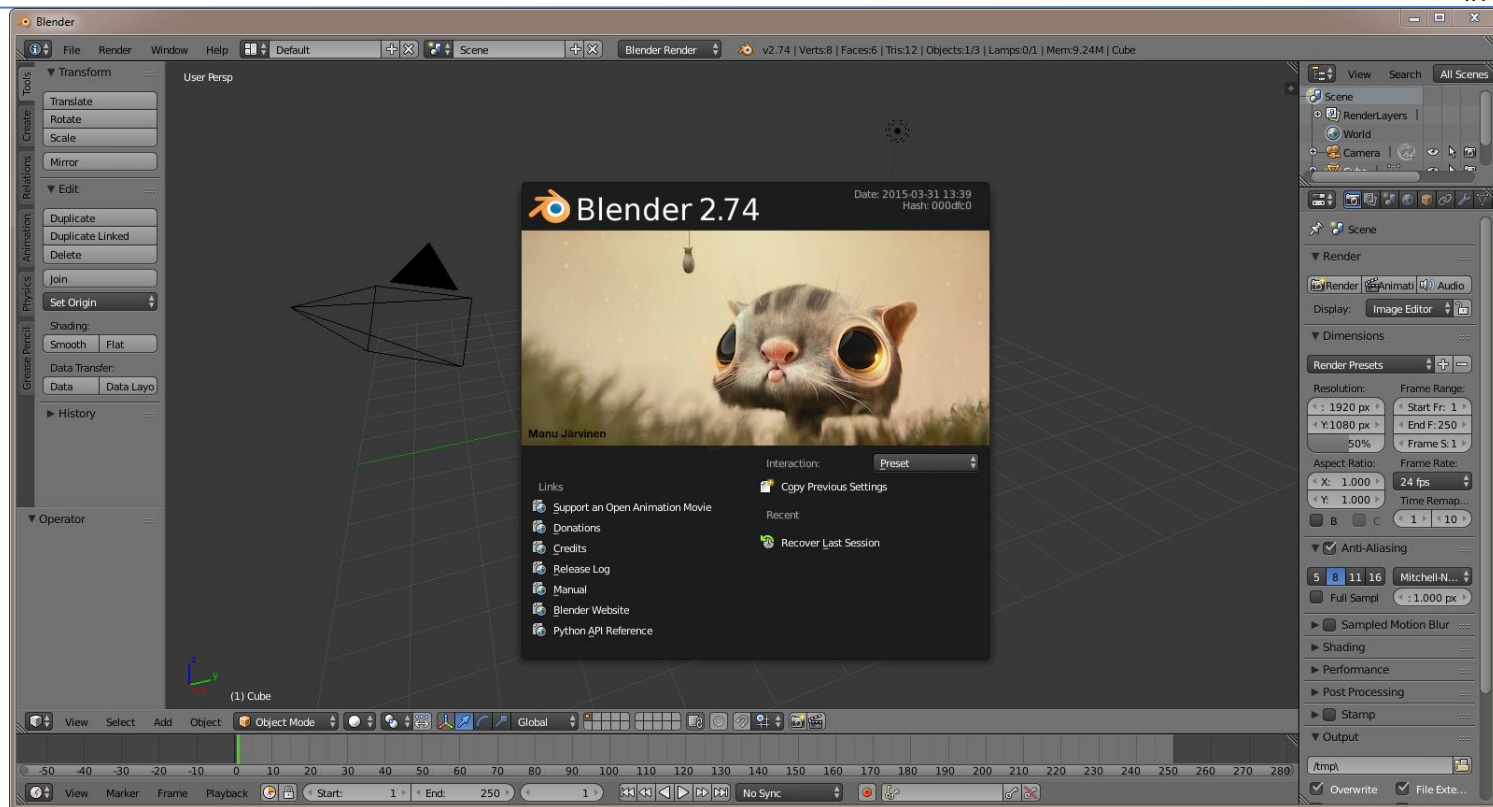




# Default Blender screen



IIT BOMBAY



# Next session

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## Basic interface