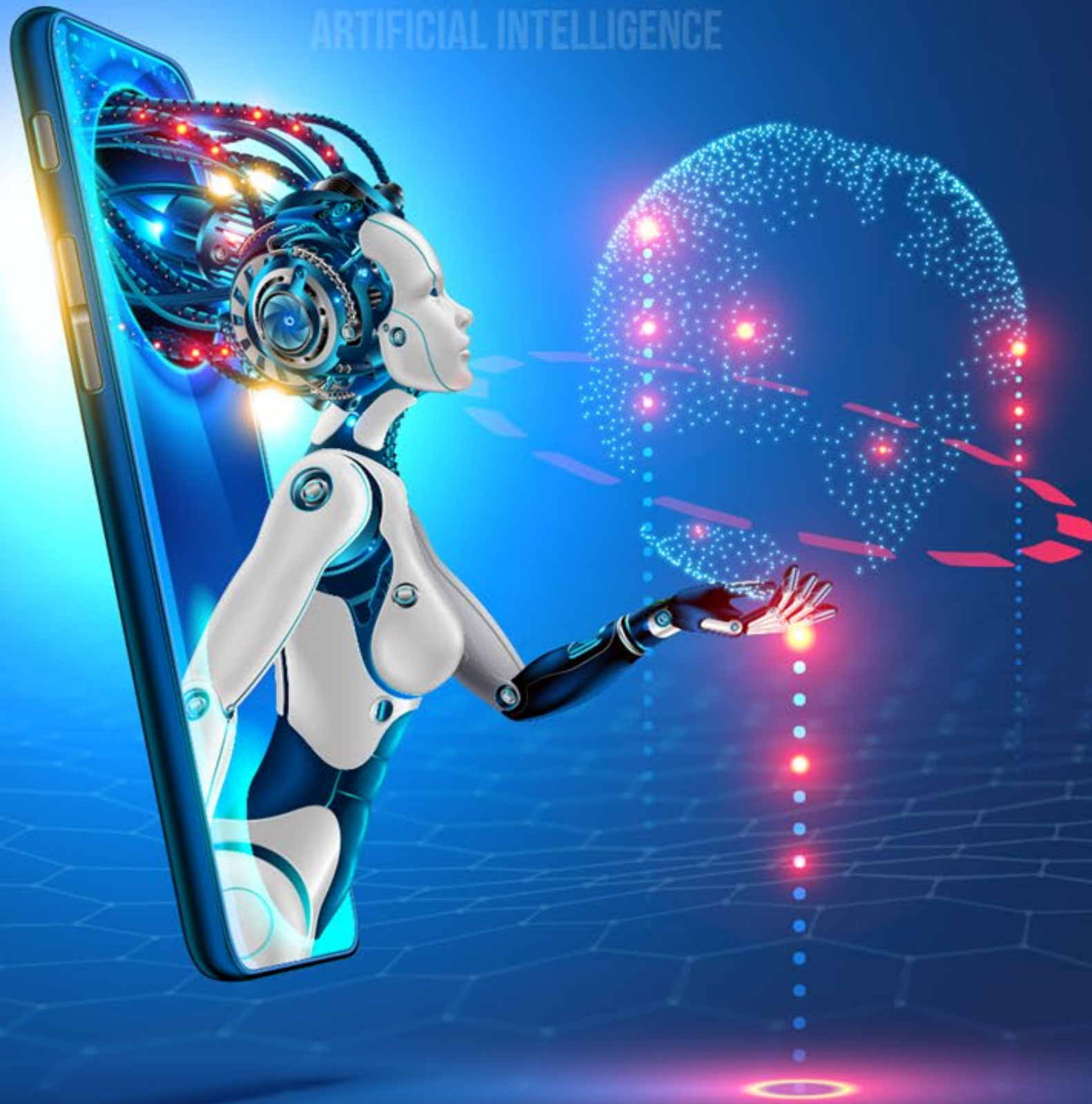


DATA AND ARTIFICIAL INTELLIGENCE



Ubuntu Fundamentals

DATA AND ARTIFICIAL INTELLIGENCE



Course Introduction

Course Objectives

By the end of this course, you will be able to:

- 🕒 Differentiate between Windows, Linux, and Unix
- 🕒 Check permissions on files and directories
- 🕒 Run commands as superuser in CLI
- 🕒 Edit files in Ubuntu package management



Course Outline

1 Introduction to Linux

2 Ubuntu

3 Ubuntu Dashboard

4 Ubuntu File System Organization

5 Introduction to CLI

6 Editing Text Files and Search Patterns

7 Ubuntu Package Management

Course Components

You also get the following course components.



Course Prerequisites

There are no specific prerequisites to take up this course.



Computer

A computer is an electronic device that manipulates information or data.



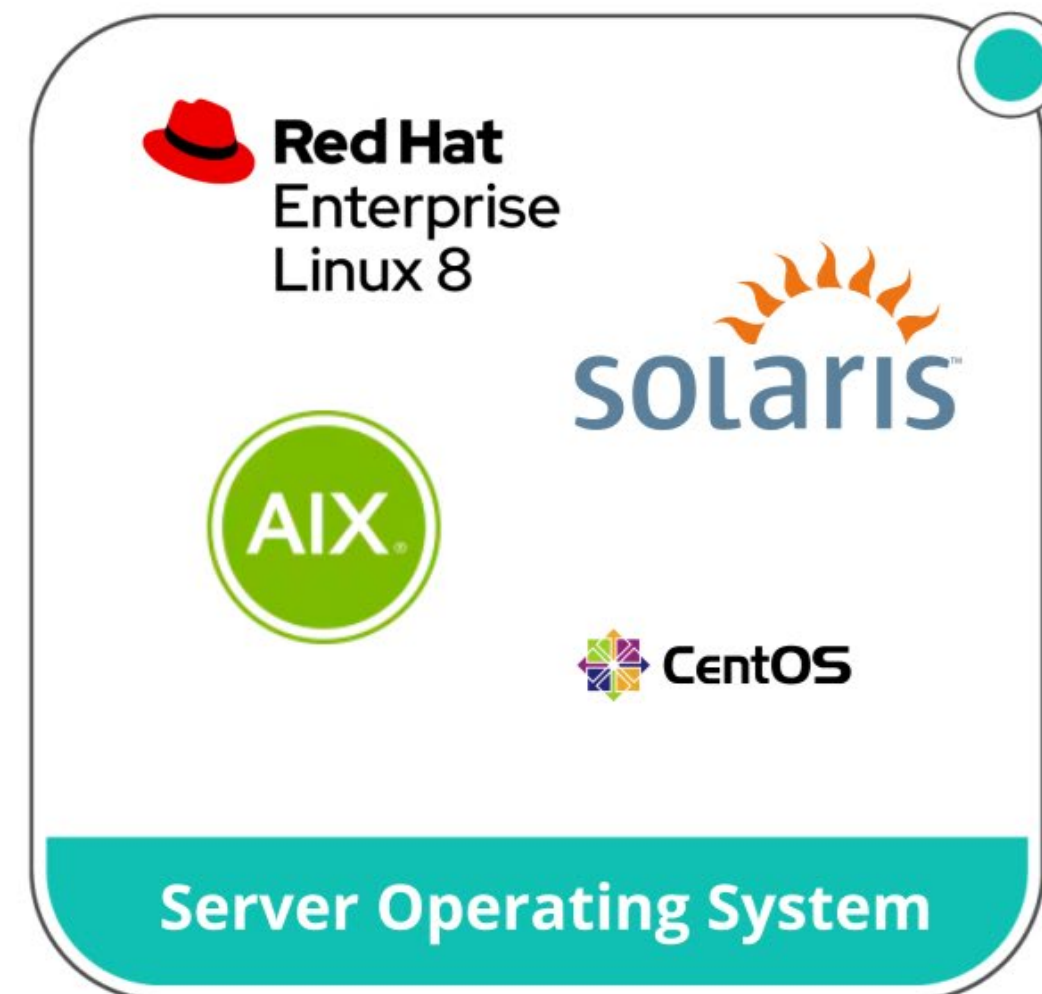
Operating System

A software program used to manage your hardware resources and provide an environment for applications to execute is known as Operating System (OS).



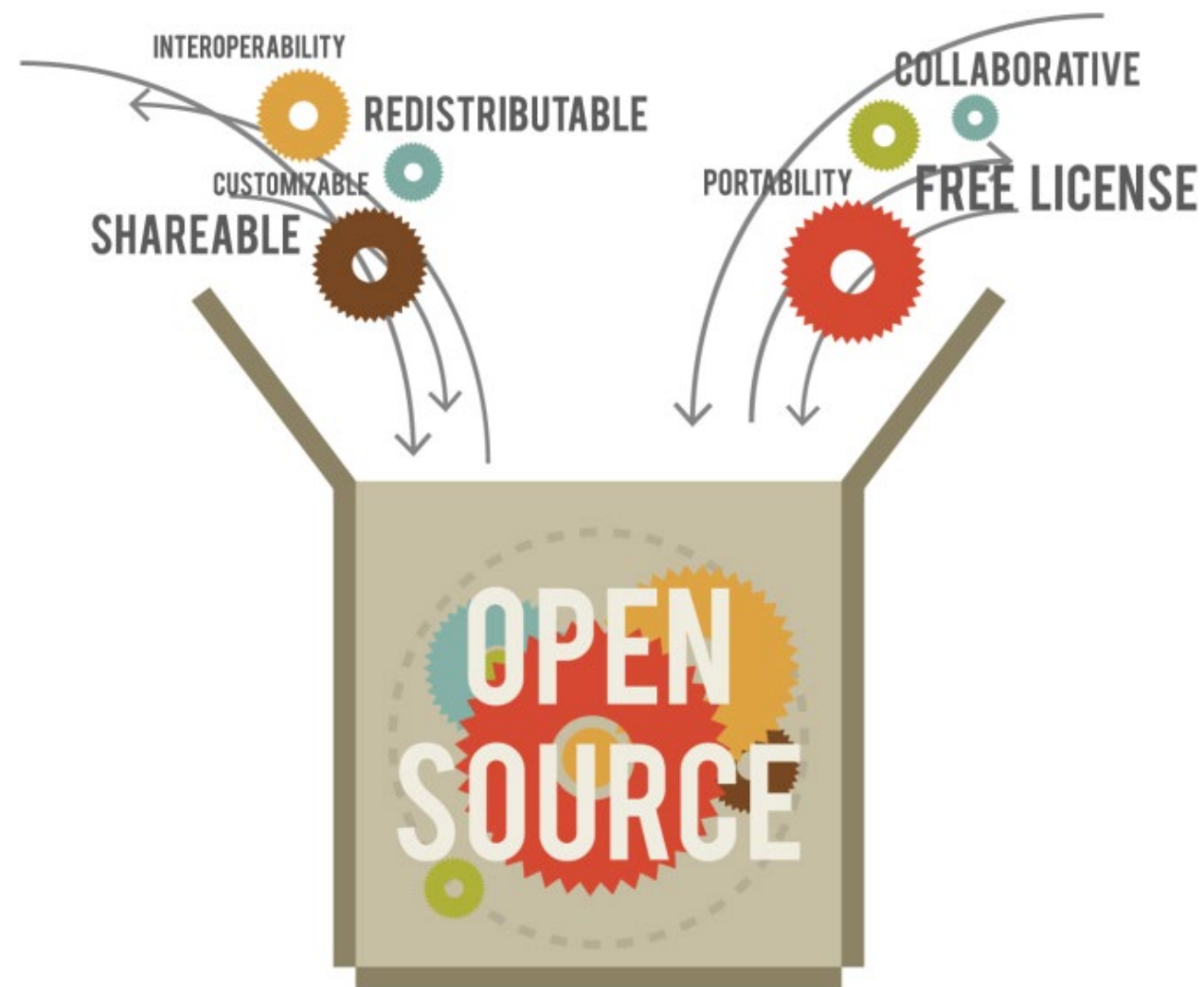
Types of OS

Based on the service type, there are mainly two types of operating systems:



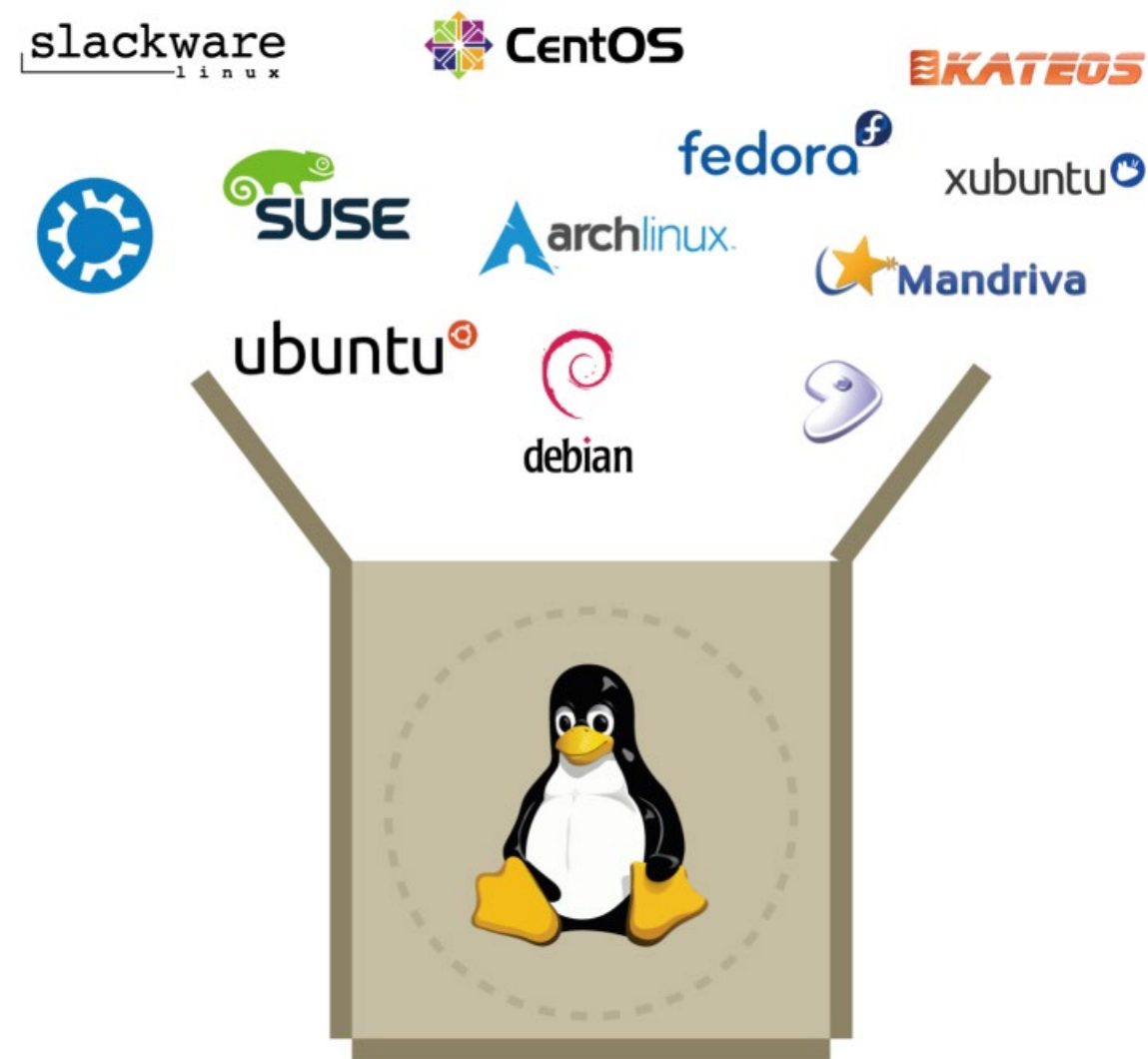
Linux

Linux is a family of open-source operating systems that can be modified and distributed by anyone.



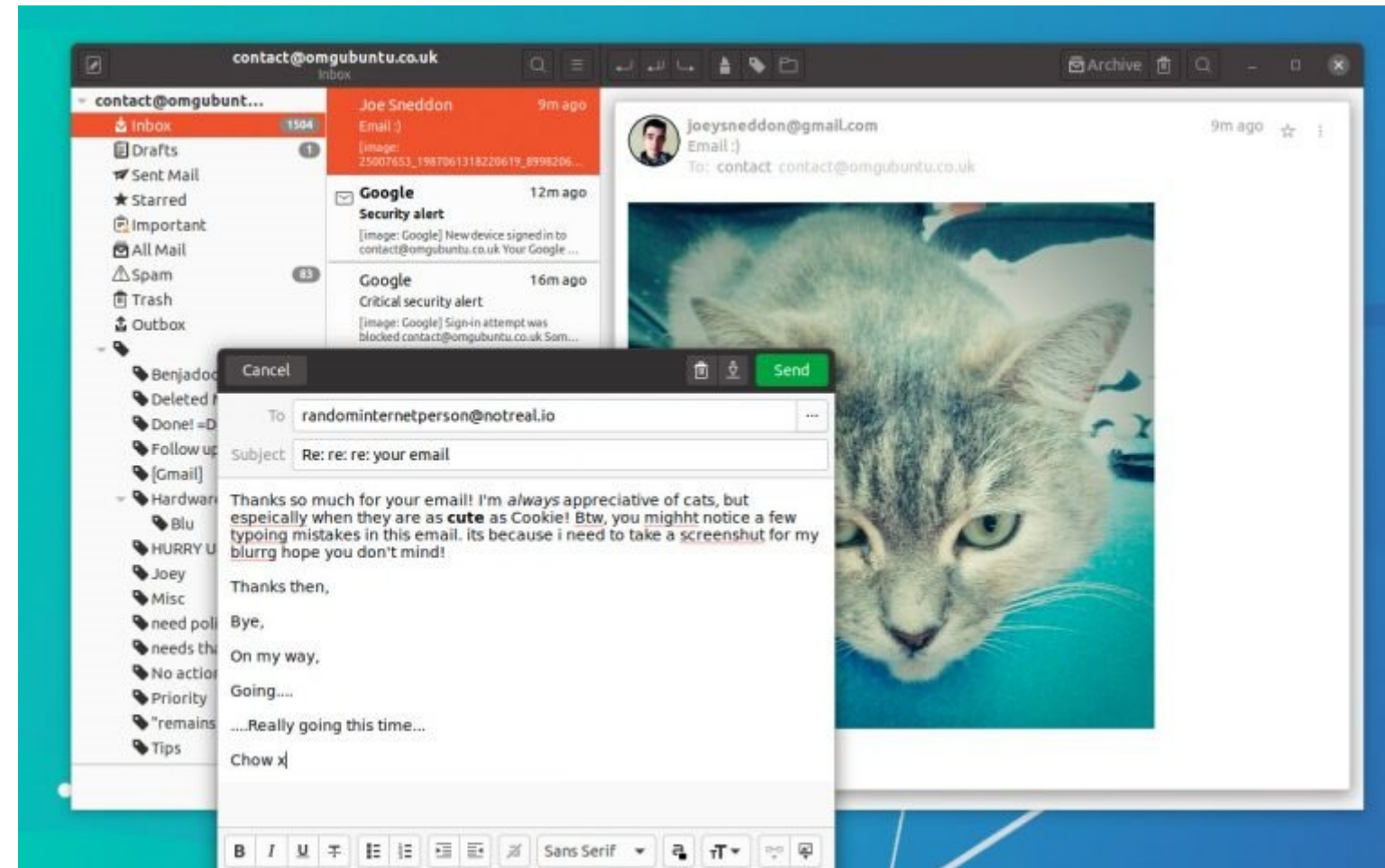
Linux and Ubuntu

Linux is the kernel using which many Linux operating systems have been released.
The releases are known as a flavors.



Applications Supported by Ubuntu

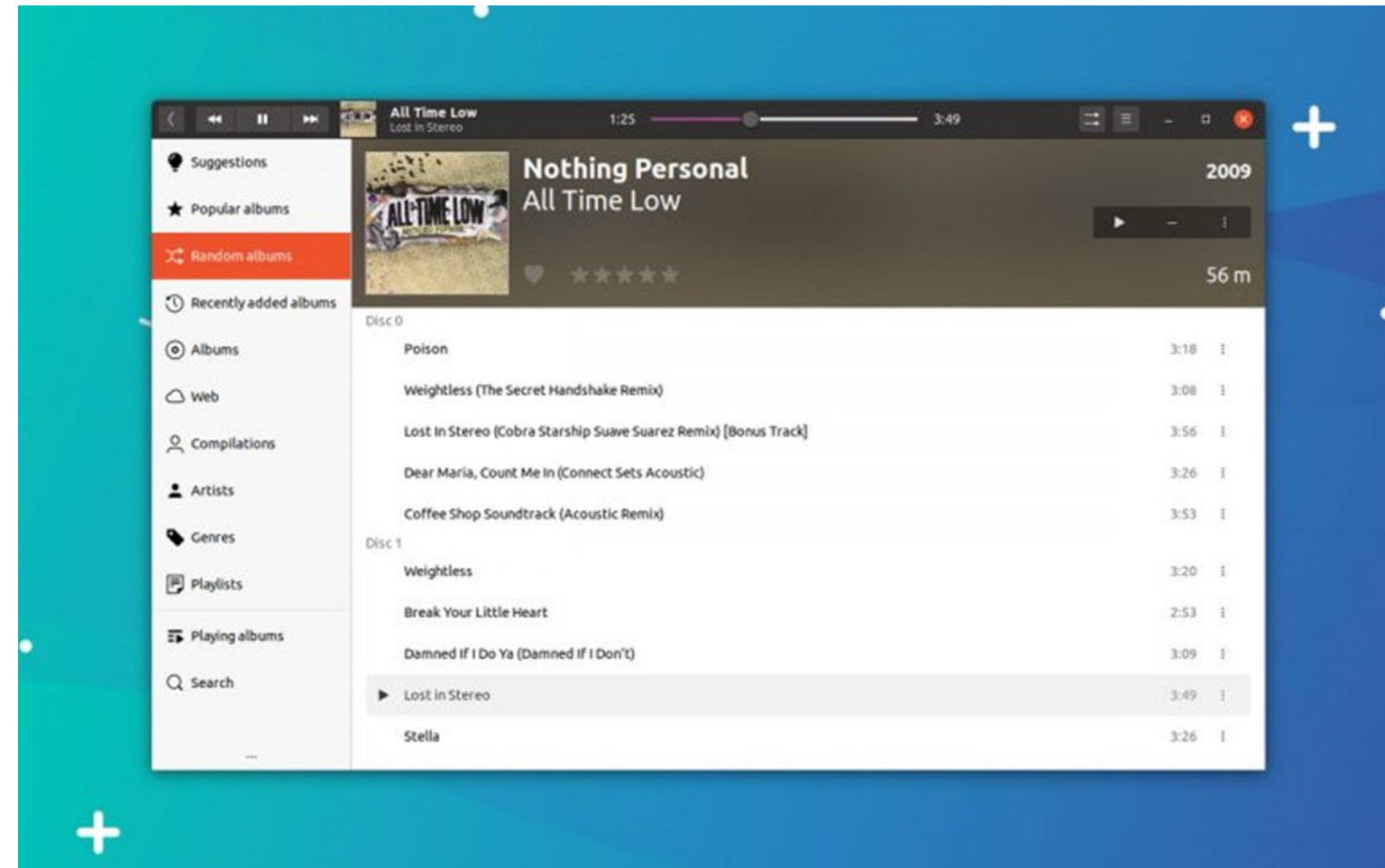
Geary E-Mail Client



A fully-featured IMAP e-mail client, *Geary*, allows you to send and receive mails from popular webmail providers.

Applications Supported by Ubuntu

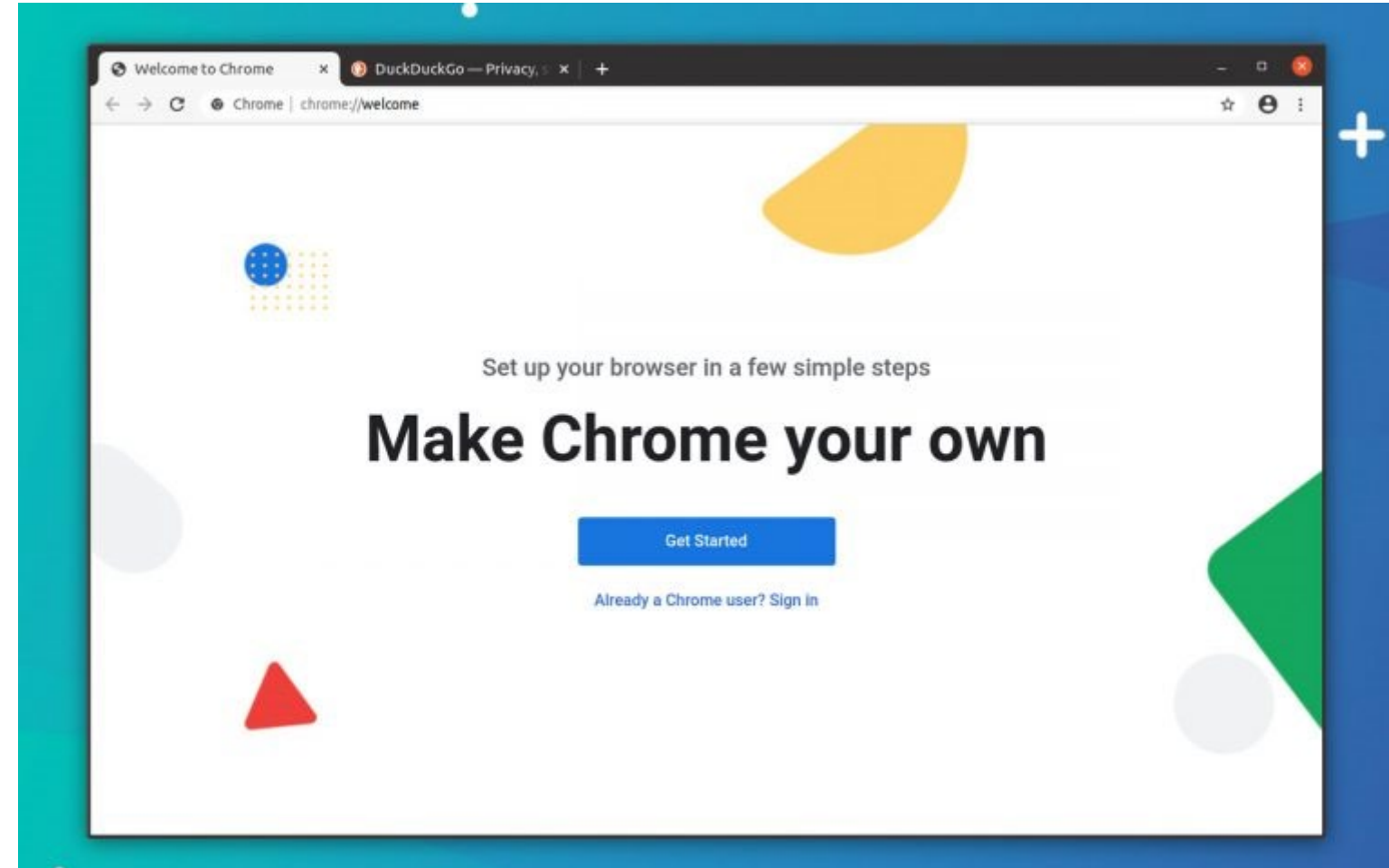
Lollypop Music Player



Lollypop is a feature-packed GTK music player and manager for Linux.

Applications Supported by Ubuntu

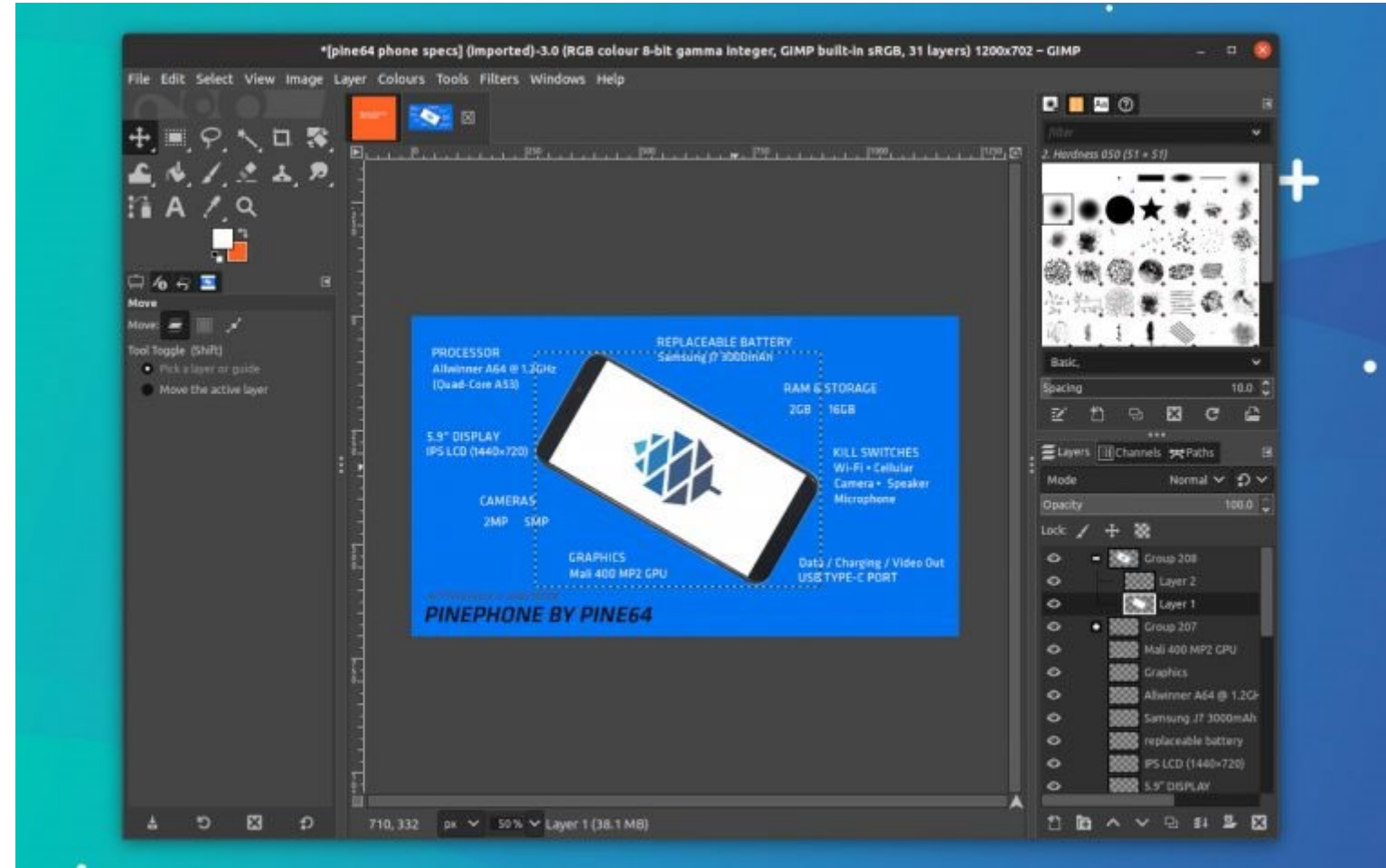
Google Chrome



Google Chrome, world's most popular web browser, is also supported by Ubuntu.

Applications Supported by Ubuntu

GIMP (GNU Image Manipulation Program)



GIMP is a powerful open-source image editor available for Linux, Windows, and Mac systems.

Happy Learning!