Ubuntu (/ʊˈbʊntuː/ (🔊listen) *uu-BUUN-too*)[7] is a [Linux distribution](#) based on [Debian](#) and composed mostly of [free and open-source software](#).[8][9][10] Ubuntu is officially released in three editions: *[Desktop](#)*,[11] *[Server](#)*,[12] and *Core*[13] for [Internet of things](#) devices[14] and [robots](#).[15][16] All of the editions can run on the computer alone, or in a [virtual machine](#).[17] Ubuntu is a popular [operating system](#) for [cloud computing](#), with support for [OpenStack](#).[18] Ubuntu's default desktop changed back from the in-house [Unity](#) to [GNOME](#) after nearly 6.5 years in 2017 upon the release of version [17.10](#). [19]