

Analyzing Arch Linux

The Arch Linux distribution has been available for over a decade and it is frequently gaining popularity by the clients. One of the key features that Arch Linux distribution has to offer is that it is minimalistic and elegant which basically means that the user of the system has to make some effort in order to understand what really happens. For example when you install Arch Linux you will only have a minimal set of components that are required by the operating system. The user then carefully selects the packages of interest to be installed in order to get only the applications that the client is interested in. Other linux distributions usually comes with a lot of extra applications that the user eventually never make use of which results in a more complex environment for the operating system to handle.

Another key feature of Arch Linux is the rolling release model. This means that the regular system updates is all that is needed in order to obtain the latest Arch Linux software.

The Arch Linux distribution is also well documented which also is of importance for the team in order to get a better understanding of the system more quickly.

For the Åland Sailing Robot project the Arch Linux distribution is a perfect candidate as an operating system since we need to keep the system minimalistic in order to provide a robust and efficient environment for our restricted hardware. We are able to achieve this by customizing the system by carefully selecting only the components that we are going to need for this project and keep away all the unnecessary things.

