ABSTRACT

The idea behind eyeOS is that the whole system lives in the web browser. The client must have only a web browser to work with eyeOS and all its applications, including Office and PIM ones. This applies to for both modern and obsolete PC's An Open Source Platform designed to hold a wide variety of Web Applications. eyeOS was thought of as a new definition of an Operating System, where everything inside it can be accessed from everywhere inside a Network. All you need to do is login into your eyeOS server with a normal Internet Browser, and you have access to your personal desktop, with your applications, documents, music, movies... just like you left it.eyeOS lets you upload your files and work with them no matter where you are. It contains applications like Word Processor, Address Book, PDF reader, and many more developed by the community.

INTRODUCTION

eyeOS is an open source web desktop following the cloud computing concept. It is mainly written in PHP, XML, and Javascript. It acts as a platform for web applications written using the eyeOS Toolkit. It includes a Desktop environment with 67 applications and system utilities. It is accessible by portable devices via its mobile front end. eyeOS lets you upload your files and work with them no matter where you are. It contains applications like Word Processor, Address Book, PDF reader, and many more developed by the community

eyeOS is all about centering work and entertainment in a single place. eyeOS is about removing compatibility issues between applications and operating systems and taking your life everywhere. eyeOS is available in 30 translations. And is used privatively and professionally throughout the world. rather it is used for public environments, schools, small and large companies alike or a way to share data with your family. eyeOS has a use in our the digital life era.
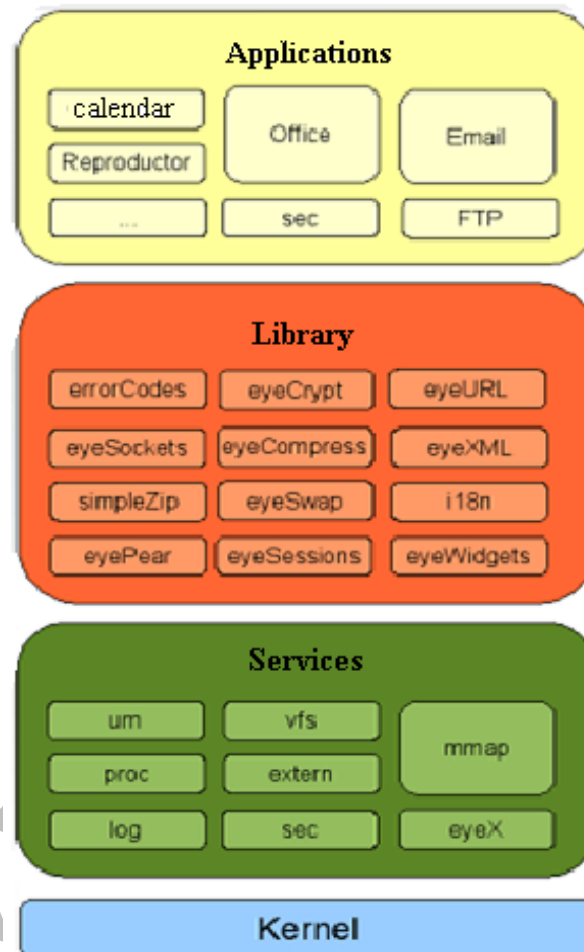
The Goals for eyeOS:

- Being able to work from everywhere, regardless of whether or not you are using a full-featured, modern computer, a mobile gadget, or a completely obsolete PC.
- Sharing resources easily between different work centers at company, or working from different places and countries on the same projects.
- Always enjoying the same applications with the same open formats, and forgetting the usual compatibility problems between office suites and traditional operating systems.
- Being able to continue working if you have to leave your local computer or if it just crashes, without loosing data or time: Just log in to your eyeOS from another place and continue working.

Benefits of the eyeOS:

- Worldwide availability:

    As it's available through internet .

- Requires only browser:

    A browser with java support is more than enough

- Dynamic content and design:

    Interface can be customized according your needs, windows are floating so that they can be repositioned

- Extensive list applications:

    Office applications, multimedia applications, network applications and chat applications etc. are available.

- Remote storage facility:

    Through the file browser you can store files over the internet and edit them as you want.

- Browser and Platform independent:

    All browsers and all operating systems are supported.

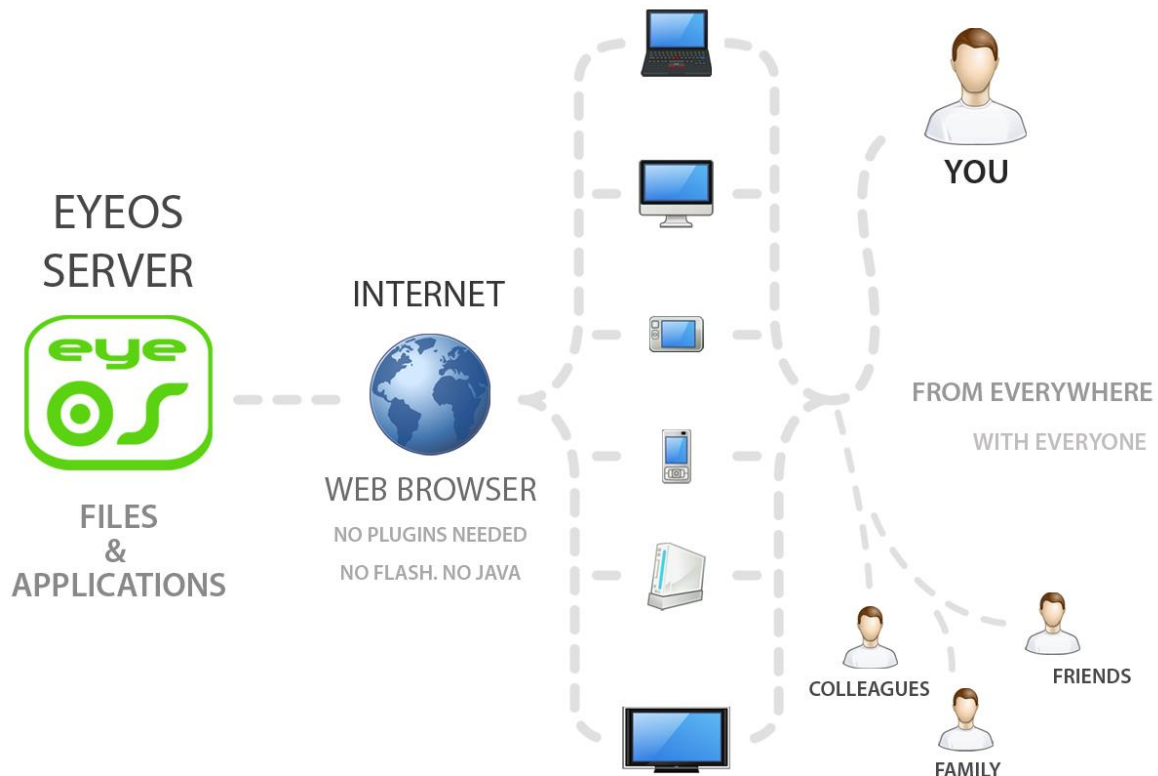- Rich text editing facility

Architecture overview

Architecture of eyeOS structure is divided into 4 parts:

- **Kernel:** unify the system services..
- **Sevices:**functions of the lower level.
- **Library:**do not handle low level tasks (such as files, users or processes), instead they make the development of applications easier.
- **Applications:**able to call a function of the any part.

APPLICATIONS

- eyeOS provides system for the users where they work with eyeOS and all its applications, including Office and PIM ones.
- eyeOS provides a toolkit to create new applications easily
- eyeOS can provide schools and universities with a full web platform where students, teachers and parents will have a personal yet collaborative desktop to work and, communicate between themselves and get organized inside and outside the school.
- With a private server, eyeOS can provide city councils, public library networks, free Internet points and other public environments the perfect system for their users to have a

web place to work and communicate with the network managers, registering once and using it from every point.

REFERENCES

[1] http://eyeos.org

[2] http://www.eyeos.info

[3] http://wiki.eyeos.org

[4] http://sourceforge.net/projects/eyeos