Artificial Intelligence Operating System

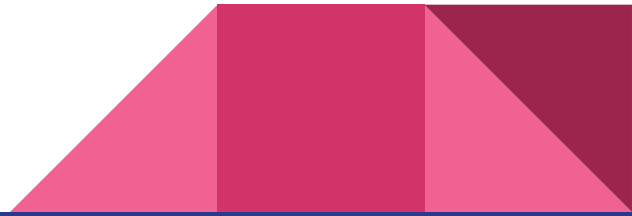
Making OS intelligent.

Why AI OS?

The rapid evolution of artificial intelligence technologies over the past five years coupled with the push to increase productivity on desktop devices create the groundwork for transition into a new computing paradigm,

“The Intelligent OS”

Modifying the AI does not affect the structure of an AI, hence AIOS would reduce the crashes that often occur in Operating Systems.



What is AI OS?

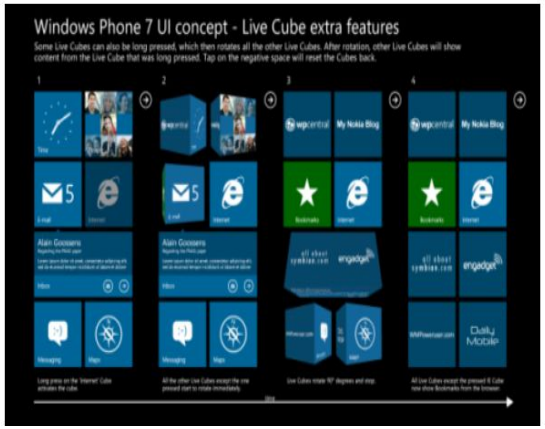
Artificial intelligence operating system is a system that manages computer software and hardware and provides common service for the computer using its intelligence by a computer or a machine in order to solve complex problems with ease.

AI OS may provide enhanced problem-solving methods, improved and consistent decision quality, ability to solve complex problems.

AI OS reduces the time and will choose the best possible interface for the end user by intelligent means.

The buzz...

Metro and Google Now are notable examples, and it is our belief that Windows Metro was closer to what could have been a true next-generation OS.



Faster Machine Learning Is Coming to the Linux Kernel

It's been a long time in the works, but a memory management feature intended to give machine learning other GPU-powered applications a major performance boost is close to making it into one of the next revisions of the kernel.

Heterogenous memory management (HMM) allows a device's driver to mirror the address space for a process under its own memory management. As Red Hat developer Jérôme Glisse explains, this makes it easier for hardware devices like GPUs to directly access the memory of a process without the extra overhead of copying anything. It also doesn't violate the memory protection features afforded by modern OSes.

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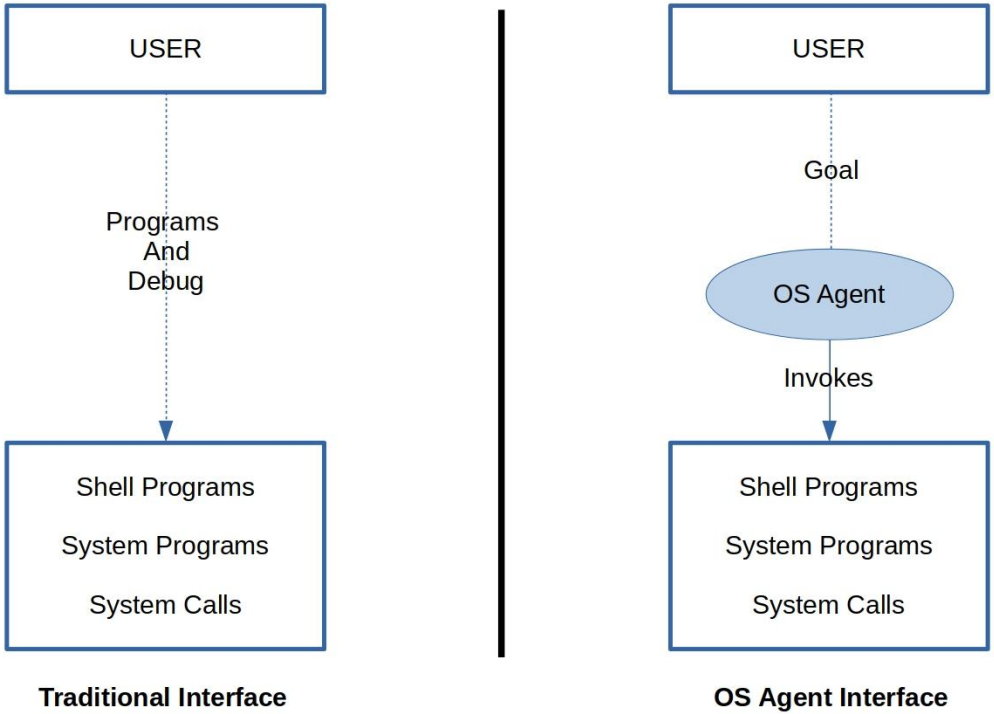
Key features

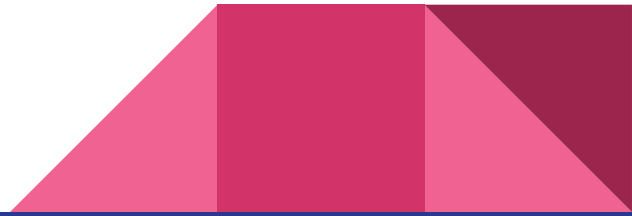
- Reinforcement learning on OS.
- Real time monitoring of User activities.
- Enhanced privacy and security.
- Embedded NLP
- Customized cards
- Derive insights from analyzing installed applications.
- Better utilization of memory
- Synchronization in different processes or threads

OS Architecture



Dependencies

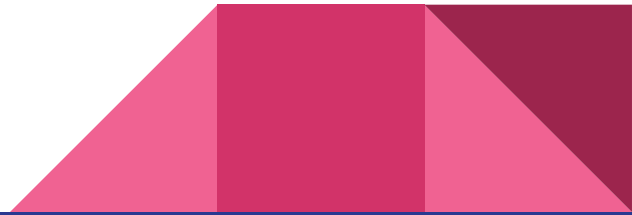
- Network connectivity
- AI requires lot of calculations, predictions, speech recognition and decision making its possible that it could slow down the OS and also it would require more external storages.
- Lack of common sense while reasoning will also disappoint the user of AIOS.



Conclusion

The Operating Systems that doesn’t have AI lack the intelligence that intelligent systems have.

So, the AIOS would be a great merger from traditional Operating Systems to the OS which could reduce time of operation, provide better security and understand the user activity, communicate with user, reduce system crashes using intelligent methods and techniques.



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Thank You !

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