Operating Systems Lore

Algorithm – Term used to describe a plan or a system

Asymmetric Multiprocessor – It’s a type of mode (like super sayan or super duper cheat mode). Cities work under them. Each processor is assigned a special task

Bit – A type of energy. Everything is measured in bits.

Bitmap – It’s a term representing a list of important individuals. A string on n binary digits representing the status of n items. Opper has access to this list.

Caching – it’s a term. Opper knows what it means most of all. Copying information into a faster storage system. Main memory can be viewed as a cache for secondary storage

Clustered System – When multiple cities (computers) or other communities work together.

Computer – The city this story takes place. -\_- Please tell me you know what this is.

Computer System Structure – The classification system which the citizens are classified. Hardware, operating System (Opper’s title), Application Programs and Users

Control Program – Opper’s job. The control program is a type of authority that runs in computer. The protect and enforce the connection between users and software.

Device Status Table – A device accessible to by Opper. Somewhat valuable It contains entry for each I/O device indicating its type, address and state.

Device Driver – Each device controller has one and manages the I/O

Hot stand by mode – A mode that a machine can be in where it is constantly monitoring other machines to do their job in case they fail

Hybrid – Union of two algorithms

I/O – Input/Output – A term used to talk about how communication with users work

Main Memory – A large storage facility. Only large storage media that the cpu can access. It’s volatile.

Operating System - Opper (mine) – Female Protagonist

OS Resource Allocator - ORSA– female sidekick – manages all resources, decides between conflicting requests for efficient and fair resource use. Always at Opper’s side

Protection – A general term for access restriction. The people use it like we use the word “weapon.” It describes any mechanism for controlling access or processes or users to resources defined by the OS.

Security – A tool operating systems have access to. When activated, it summons an automated and self aware defense system against internal and external attacks

Symmetric multiprocessing – a mode the city can go into. Each processor performs all tasks

System Program – A type of field. Computer is surrounded by this field. It provides a convenient environment for program development

System Clustering – has multiple nodes running applications monitoring each other

Volatile – A term used to describe when something is constantly changing. Opper’s catch phrase

Word- A basic unit of measurement. A catchphrase of ORSA. It’s linked directly to the architecture