General

ls -lrt | ls -al | ll | dir	List directories in current locaiton
pwd	Current directory location
free -m | df | meminfo | vmstat | top	Memory commands
ps aux | grep "text"	Find "text" in Current process list
cat "file" | grep "text"	Find "text" in "file"
sed '/text/d' "file" > "file2"	Delete the lines in "file" that matches the "text" into "file2"
chmod -R 777 file|directory	Change the permissions of objects
chown -R user:group file|firectory	Change the owner of objects
rm -rf file|directory	Delete files or directories recursively
mkdir -p	Create directories with parents recursively
zip "file.zip" files...	zip compression of "files..." into the "file.zip"
tar -xvf	Uncompress files based in .tar.gz
unzip -l "file.zip"	List files inside "file.zip"
unzip -o "file.zip" -d "dest_dir"	Unzip the "file.zip" provided into the destination dir "dest_dir"

General (cont)

scp -pw "password" user@host:/path/to/unix/file /path/to/unix/file	Copy files between unix hosts
pscp -sftp -hostkey "HEX:VALUE" -pw "password" user@host:/path/to/unix/file C:\path\to\windows\file	Copy files from unix host to windows host
svn diff "SVNURL1" SVNURL2"	Take the diff changes of 2 online repositories
svn "command" --non-interactive --trust-server-cert --username "user" --password "pwd" <params>	SVN base command to use from console
dos2unix -k -o "file"	Transform windows file to unix
init 6 | shutdown -r now | reboot	Restart the machine
init 0	Turn off the machine
wget "file_url" -P "parent_dir"	Download the file in "file_url" into the "parent_dir"
curl -k -u user:password "https url"	Get the contents of a url form https with username and password
cp -Rft	Copy Forced
tail -f -n 100 "file"	Follow last 100 lines of a file

Programming

./bash.sg <param1> <param2>	Execute bash with 2 params, the .sh file must have permissions 755 or more
if [expression_1] \n then \n "Statements" \n else|elif [expression] then "Statements" fi	IF ELSE|ELSIF Condition
for item in item1 item2 item3 itemN \n do \n "Statements with $item" \n done	FOR statement
while read line \n do \n "Statements with $line" \n done < file	Read a file line by line
function operation() { \n "Statements" echo $value for return \n }	Simple function for paramters with return >> operation "param1" param2"

Bash Variables

VAR=value	Variable Assignment
HOST=$(hostname -a)	Command Result in a variable
RESULT=$(($value + 5))	Operation result in a variable
VAR_ARRAY=(v1 v2 v3 v4)	Array declaration
echo ${VAR_ARRAY[*]}	Print array values
echo ${VAR_ARRAY[2]}	Get array value
unset VAR_ARRAY[2]	Delete item in array
envs	Show environment variables
$VAR1$VAR	Concatenate values

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Bash Variables (cont)

"STR"	used for strings but no ''

Conditional Bash

[ ]	Always use brakets
-eq	=
-ne	!=
-gt	>
-ge	>=
-lt	<
-le	<=
-z	is null
-n	is not null
-a	true if both true
-o	true if one is true