

Shell Variables Cheatsheet

Variable	Description	Example
Positonal Variables		
\$0	Script Name	echo "Running \$(basename \$0)"
\$1 - \$9	First through ninth arguments	echo "\$1 is your first arg"
\${10} - \${99}	Tenth through ninety-ninth arguments	echo "\${10} is your tenth arg"
\$#	Return the number of arguments	echo "You passed \$# args"
\$*	Return all args as one entity	
\$@	Return all args with field seperator	
Special Variables		
\$?	Exit status of last command	
!	Process ID of last background process	
\$\$	Process ID of shell running script	
\$-	Current shell flags passed to bash. Check to see if shell is interactive.	echo \$- output: himBH

Shell Variables	
\$IFS	Field Seperator (default whitespace)
\$SECONDS	Number of seconds shell has been open
\$SHELLOPT	Shell Options
\$SHLVL	Level of shell/subshells
\$LINENO	Line number of code being run
\$PWD	Current working directory
\$UID	User ID of user who ran script
\$HOME	Home of user who ran script
\$PS1	Prompt
\$PS3	Prompt for Select menu
\$PATH	System path that's searched for commands
\$TMPDIR	Temp dir where bash puts it's temp files
\$SHELL	Current running shell