

```
APR::Status(3pm)          - Perl Interface to the APR_STATUS_IS_* macros
CCHmacInit(3cc), CCHmacUpdate(3cc), CCHmacFinal(3cc), CCHmac(3cc) - Common HMAC
Algorithm Interfaces
CVMCompiler(8)            - Mac OS X Core Virtual Machine Compiler
CVMServer(8)              - Mac OS X Core Virtual Machine Server
CommCenter(8)             - Provides functionality to allow the Mac to make and r
eceive phone calls
Convert::BinHex(3pm)      - extract data from Macintosh BinHex files ALPHA WARNIN
G: this code is currently in its Alpha release. Things may change drastically un
til the interface is hammered out: if you have suggestions or objections, please
speak up now!
Digest::HMAC(3pm)         - Keyed-Hashing for Message Authentication
Digest::HMAC_MD5(3pm)    - Keyed-Hashing for Message Authentication
Digest::HMAC_SHA1(3pm)   - Keyed-Hashing for Message Authentication
ExtUtils::MM_MacOS(3pm)  - once produced Makefiles for MacOS Classic
File::Spec::Mac(3pm)     - File::Spec for Mac OS (Classic)
Mac::AppleEvents(3pm)    - Macintosh Toolbox Interface to the Apple Event Manage
r
Mac::AppleEvents::Simple(3pm) - Simple access to Mac::AppleEvents
Mac::Apps::Launch(3pm)   - Mac module to launch /quit applications
Mac::Carbon(3pm)        - Access to Mac OS Carbon API
Mac::Components(3pm)     - Macintosh Toolbox Interface to the Components Manager
Mac::Errors(3pm)         - constants for Mac error codes
:
```

```
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ cat texto1.txt  
Olá, tudo bem?MacBook-Air-de-Mike:Sistemas Operacionais mike$
```

```
[MacBook-Air-de-Mike:SPTech mike$ cd Sistemas\ Operacionais]
MacBook-Air-de-Mike:Sistemas Operacionais mike$
```

```
[MacBook-Air-de-Mike:SPTech mike$ df
```

Filesystem	512-blocks	Used	Available	Capacity	iused	ifree	%iused	Mounted on
/dev/disk1s1	118079408	66739384	45867360	60%	508521	9223372036854267286	0%	/
devfs	369	369	0	100%	642	0	100%	/dev
/dev/disk1s4	118079408	4194344	45867360	9%	4	9223372036854775803	0%	/private/var/vm
map -hosts	0	0	0	100%	0	0	100%	/net
map auto_home	0	0	0	100%	0	0	100%	/home

```
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ exit  
logout  
Saving session...  
...copying shared history...  
...saving history...truncating history files...  
...completed.
```

File: dir Node: Top This is the top of the INFO tree
This (the Directory node) gives a menu of major topics.
Typing "d" returns here, "q" exits, "?" lists all INFO commands, "h"
gives a primer for first-timers, "mEmacs<Return>" visits the Emacs topic,
etc.
In Emacs, you can click mouse button 2 on a menu item or cross reference
to select it.
--- PLEASE ADD DOCUMENTATION TO THIS TREE. (See INFO topic first.) ---

* Menu: The list of major topics begins on the next line.

Emacs

- * Ada mode: (ada-mode). The GNU Emacs mode for editing Ada.
- * Autotype: (autotype). Convenient features for text that you enter frequently
in Emacs.
- * CC Mode: (ccmode). Emacs mode for editing C, C++, Objective-C,
Java, Pike, and IDL code.
- * CL: (cl). Partial Common Lisp support for Emacs Lisp.
- * Direx-X: (dired-x). Dired Extra Features.
- * EUDC: (eudc). A client for directory servers (LDAP, PH)
- * Ebrowse: (ebrowse). A C++ class browser for Emacs.
- * Ediff: (ediff). A visual interface for comparing and merging programs.

-----Info: (dir)Top, 94 lines --Top-----



Last login: Tue Sep 12 20:09:18 on ttys000

[MacBook-Air-de-Mike:~ mike\$ logout

Saving session...

...copying shared history...

...saving history...truncating history files...

...completed.

[Processo concluído]

```
[MacBook-Air-de-Mike:SPTech mike$ ls -l]
```

```
total 8
```

```
drwxr-xr-x  4 mike  staff   128 19 Ago 03:34 Analise de Sistemas
```

```
-rw-r--r--  1 mike  staff  1073 19 Ago 03:37 LICENSE
```

```
drwxr-xr-x 11 mike  staff   352 12 Set 20:12 Linguagem de Programacao
```

```
drwxr-xr-x  3 mike  staff    96 19 Ago 03:34 Sistemas Operacionais
```

```
drwxr-xr-x  4 mike  staff   128 19 Ago 03:34 SocioEmocional
```


SPTech — -bash — 117x34

```
[MacBook-Air-de-Mike:SPTech mike$ ls
Analise de Sistemas          Linguagem de Programacao    SocioEmocional
LICENSE                      Sistemas Operacionais
```

```
[MacBook-Air-de-Mike:~ mike$ man  
What manual page do you want?
```

```
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ mkdir Prints\ CMD]
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ ls]
01:08:2023 - Visão geral de Sistemas Operacionais Prints CMD
```

Last login: Tue Sep 12 20:25:27 on ttys000

[MacBook-Air-de-Mike:~ mike\$ passwd

Changing password for mike.

[Old Password:

[New Password:

[Retype New Password:

MacBook-Air-de-Mike:~ mike\$

```
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ rmdir Prints\ CMD]  
[MacBook-Air-de-Mike:Sistemas Operacionais mike$ ls]
```

01:08:2023 - Visão geral de Sistemas Operacionais



Processes: 272 total, 2 running, 270 sleeping, 1046 threads 20:14:06
Load Avg: 1.66, 2.16, 3.19 CPU usage: 2.32% user, 4.18% sys, 93.48% idle
SharedLibs: 75M resident, 30M data, 5896K linkedit.
MemRegions: 130202 total, 540M resident, 40M private, 194M shared. PhysMem: 2217M used (1020M wired), 86M unused.
VM: 11T vsize, 1095M framework vsize, 1205085(0) swapins, 1320562(0) swapouts.
Networks: packets: 244404/238M in, 202441/41M out. Disks: 590777/12G read, 128999/7155M written.

PID	COMMAND	%CPU	TIME	#TH	#WQ	#PORT	MEM	PURG	CMPRS	PGRP	PPID	STATE	BOOSTS	%CPU_ME
1578	backupd	0.0	00:00.11	2	1	43-	1408K-	0B	0B	1578	1	sleeping	*0[1]	0.00000
1577	screencaptur	0.2	00:00.83	2	1	49	2288K	36K	0B	472	472	sleeping	*0[1]	0.00000
1576	top	6.0	00:01.89	1/1	0	25	2576K+	0B	0B	1576	1506	running	*0[1]	0.00000
1574	com.apple.Cl	0.0	00:00.09	2	1	48	1676K	0B	0B	1574	1	sleeping	0[5]	0.00000
1570	mdworker	0.0	00:00.39	4	1	54	11M	0B	0B	1570	1	sleeping	*0[1]	0.00000
1568	Google Chrom	0.0	00:13.25	13	1	120	42M	0B	0B	856	856	sleeping	*0[4]	0.00000
1559	mdworker	0.0	00:00.24	3	1	61	3056K	0B	0B	1559	1	sleeping	*0[1]	0.00000
1524	ocspd	0.0	00:00.07	2	1	30	1000K	0B	212K	1524	1	sleeping	*0[1]	0.00000
1523	secinitd	0.0	00:00.13	2	2	44	244K	0B	3016K	1523	1	sleeping	0[1]	0.00000
1522	normalizerd	0.0	00:04.52	2	2	35	2120K	0B	900K	1522	1	sleeping	0[1]	0.00000
1506	bash	0.0	00:00.12	1	0	19	412K	0B	304K	1506	1505	sleeping	*0[1]	0.00000
1505	login	0.0	00:00.05	2	1	29	384K	0B	572K	1505	1504	sleeping	*0[9]	0.00000
1504	Terminal	0.9	00:08.94	8	3	281	14M	0B	14M	1504	1	sleeping	*0[86]	0.00000
1385	com.apple.hi	0.0	00:00.04	2	2	29	440K	0B	344K	1385	1	sleeping	0[5]	0.00000
1384	ViewBridgeAu	0.0	00:00.66	2	1	98	2196K	0B	348K	1384	1	sleeping	0[984]	0.00000
1383	QuickLookUIS	0.0	00:07.96	4	1	287	9292K	0B	14M	1383	1	sleeping	*0[242]	0.00000
1374	QuickLookSat	0.0	00:01.52	2	1	65	5396K	0B	380K	1374	1	sleeping	0[13]	0.00000
1352	quicklookd	0.0	00:01.08	4	1	97	2124K	0B	1820K	1352	1	sleeping	0[44]	0.00000
1288	suhelperd	0.0	00:00.07	2	1	40	24K	0B	984K	1288	1	sleeping	0[0]	0.00000
1283	mapspushd	0.0	00:00.28	2	1	85	48K	0B	4524K	1283	1	sleeping	0[0]	0.00000
1282	photoanalysi	0.0	00:00.19	2	1	47	32K	0B	1160K	1282	1	sleeping	0[0]	0.00000
1279	silhouette	0.0	00:00.32	2	1	53	36K	0B	5276K	1279	1	sleeping	0[0]	0.00000
1278	IMAutomaticH	0.0	00:00.20	2	2	69	40K	0B	1888K	1278	1	sleeping	0[0]	0.00000
1277	applessdstat	0.0	00:00.03	2	1	32	4096B	0B	644K	1277	1	sleeping	*0[1]	0.00000
1274	softwareupda	0.0	00:00.28	2	1	66	24K	0B	3812K	1274	1	sleeping	0[0]	0.00000
1219	Google Chrom	0.0	00:00.39	12	1	99	832K	0B	14M	856	856	sleeping	*0[5]	0.00000

VIM - Vi IMproved

version 8.0.1365

by Bram Moolenaar et al.

Vim is open source and freely distributable

Sponsor Vim development!

type :help sponsor<Enter> for information

type :q<Enter> to exit

type :help<Enter> or <F1> for on-line help

type :help version8<Enter> for version info

```
[MacBook-Air-de-Mike:~ mike$ whatis man
IO::Socket::SSL::Intercept(3pm) - -- SSL interception (man in the middle)
Pod::Man(3pm) - Convert POD data to formatted *roff input
Pod::Perldoc::ToMan(3pm) - let Perldoc render Pod as man pages
groff_man(7) - groff 'man' macros to support generation of man pages
groffer(1) - display groff files and man~pages on X and tty
man(1) - format and display the on-line manual pages
man.conf(5) - configuration data for man
zshall(1) - the Z shell meta-man page
xml2man(1) - MPGL to mdoc (man page) translator
```