

The Mordac Files

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How to get a directory listing

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```
@details = (`ls ${HOSTPREFIX}* 2>/dev/null`);
```

How to generate and print a table

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```
#!/usr/bin/perl
use grtecz::Archiving::Common;

print "Dev\tCDRdev\tType\tCDW\tDVDR\tDVDW\tConnect\tModel\n";
$ptr = {};
if (!($status = getDrivedata($ptr))) {
    foreach $dev (sort keys %{$ptr}) {
        print "$dev\t${$ptr}{$dev}{cdrdev}\t${$ptr}{$dev}{type}\t${$ptr}{$dev}{CDW}",
            "\t${$ptr}{$dev}{DVDR}\t${$ptr}{$dev}{DVDW}\t${$ptr}{$dev}{connect}",
            "\t${$ptr}{$dev}{model}\n";
    }
}
else { print "Error status $status returned from getDrivedata\n" }
exit;
```

Make your data structures clear and
simple

Make your data structures clear and simple

```
my $temp = $#{ ${ $details{$archiveName} }{"_filelist_"} } + 1;
```


Get the right number of zeroes in
your filename

Get the right number of zeroes in your filename

```
$temp = substr( $lastMedianame, 4, 4 ) + 1;  
$number_of_zeros = 4 - length($temp);  
for ( $i = 0 ; $i < $number_of_zeros ; $i++ )  
    { $temp = "0" . $temp }  
$nextMedianame = $MEDIA_NAME_PREFIX .  
$temp;
```

How to make cron jobs behave differently on different days

How to make cron jobs behave differently on different days

```
$command = $ARGV[0];  
if (!$command) {  
    $command = "init" if ($day == 1);  
    $command = "remind" if ($day == 7);  
}  
exit 0 if (!$command);  
  
&{$command};  
exit 0;
```

How to find the target of a symlink

How to find the target of a symlink

```
$Mediabufferpath = "$ARCHIVE3_HOME/Mediabuffer";  
if ( -l $Mediabufferpath ) {  
    $ls = `ls -ld $Mediabufferpath`;   
    chomp $ls;  
    if ( $ls =~ /^l/ ) {  
        @destarray = split( /-> /, $ls );  
        $Mediabufferpath = $destarray[$#destarray];  
        print "Mediabuffer is a link - scanning resolution ie $Mediabufferpath\n";  
    }  
}
```

Your turn

Your turn

```
sub log {
  my $self = shift;
  my $i;
  my $flush = 0;
  my $data = "User=${$self}{__user} DN=(${$self}{__dn}) ${${$self}{__tolog}}[0]";
  for ( $i = 1 ; $i <= $# { ${$self}{__tolog} } ; $i++ ) {
    $data .= " ${${$self}{__tolog}}[$i]";
    if ( $i >= $# { ${$self}{__tolog} } ) { $flush = 1 }
    if ( ! $flush && ( length($data) > 500 ) ) { $data .= "(continued)"; $flush = 1 }
    if ($flush) {
      openlog( "oicLDAPPIO", 'pid', "local0" );
      syslog( 'info', "$data" );
      $data = "User=${$self}{__user} DN=(${$self}{__dn}) ";
      $flush = 0;
    }
  }
  ${$self}{__tolog} = [];
}
```