

# 3d.view.sh

**3d.view.sh** -

3

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**3d.view.sh**

**3d.view.sh** help

**3d.view.sh** *file*=*mapname* *ef*=*mapname* *vh*=*viewing\_height* *sv*=*sink\_value*  
*exag*=*exag* *lf*=*line\_frequency* *back*=*background\_color*

3d.view.sh

3

Bash(sh(1))

가

3

d.3d

< >

**file** = *mapname*

: (DEM)

**ef** = *mapname*

3

:

**vh** = *viewing\_height*

(視點) ( )

: 30000

**sv** = *sink\_value*

가

: 0

**ex ag** = *vertical\_exaggeration*

) ( 가  
1m 1m

: 3

**lf** = *line\_frequency*

( ) 가  
註)

: 20

**back** = *background\_color*

가 : red, orange, yellow, green, blue, indigo, violet, magenta,  
brown, gray, white, and black  
: black.

spearfish 3d.view.sh  
spearfish PERMANENT  
elevation.dem elevation.dma

3d.view.sh

GISBASE/scripts/3d.view.sh.

d.3d, d.rast

James Westervelt, U.S. Army Construction Engineering Research Laboratory.6

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17, sept., 2000, under **GPL**

# DOS .show

---

DOS.show - DOS.save PC6300

(SCS GRASS Display Program) (PC6300

가 )

GRASS VERSION : 4.x

DOS.show

DOS.show help

d.display, d.rast,

가

, DOS.save PC6300

PC6300

DOS.delete, DOS.list, DOS.save

P.W. Carlson, USDA, SCS, NHQ- CGIS.7

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# blend.sh

**blend.sh** - (R), (G), (B)  
(GRASS Shell Script)

**blend.sh** file1 file2 perc outbase

```
blend.sh
    Bash
    RGB
    0- 255
    3
    r.mapcalc
    1) 1 R,G,B 2 0- 225
    2) 1 R,G,B 가 (PERC)
    3) 2 R,G,B (100 - perc)% ;
    (2), (3) RGB
    R, G, B outbase.r, outbase.g outbase.b
```

```
< >
file1 : (perc) file1
file2 : file1 file2 R, G, B
(100- perc)
perc : file1 R, G, B,
```

```
outbase : 3 . R,  
          G, B .
```

```
blend.sh 3 r.mapcalc .
```

```
r.mapcalc "outbase.r = r# file1 * .perc + (1.0 - .perc) * r# file2"  
r.mapcalc "outbase.g = g# file1 * .perc + (1.0 - .perc) * g# file2"  
r.mapcalc "outbase.b = b# file1 * .perc + (1.0 - .perc) * b# file2".8
```

```
R, G, B # 가
```

```
blend.sh aspect elevation 40 elev.asp
```

```
          elev.asp.r, elev.asp.g, elev.asp.b가  
          aspect          RGB          40%          elevation  
RGB 60%가 . , 0.4(Asspect R,G,B)+0.6(Elevation  
R,G,B).
```

```
$GISBASE/scripts/blend.sh.
```

```
r.colors, r.mapcalc
```

Dave Gerdes, U.S. Army Construction Engineering Research Laboratory.9

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# bug.report.sh

bug.report.sh - GRASS 4.1

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

bug.report.sh 4.1\_program.name [program\_arguments]

bug.report.sh GRASS 4.1  
Unix Bash Bayler GRASS

4.1

< >

4.1\_program.name :

GRASS 4.1

program\_argument(s) :

4.1\_program.name

( / )

가

, 가 v.to.rast

bug.report.sh v.to.rast

가

GRASS

, GRASS

,  
가

가

가

- 1 - mailed to westerve@zorro.cecer.army.mil ( )
- 2 - added to the file grass.bugs in the user's home directory( )
- 3 - both 1 and 2(1,2 )
- 4 - thrown away.10( )

가 bug.report.sh

region , GRASS

가

bug.report.sh

\$GISBASE/scripts

USACERL

James Westervelt, U.S. Army Construction Engineering Research Laboratory.11

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## d.6386.show

---

d.6386.show - PC6386 d.6386.save

(SCS GRASS Display Program)

(PC6386 가 )"

GRASS VERSION : 4.x

d.6386.show

d.6386.show help

가 GRASS (d.display, d.rast, ) d.6386.save  
PC6386 .

PC6386 가 .

d.6386.delete, d.6386.save

P.W. Carlson, USDA, SCS, NHQ- CGIS.12

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17, sept., 2000, under **GPL**

# d.rast.legend.sh

---

**d.rast.legend.sh** -  
(GRASS Shell Script)  
GRASS VERSION : 4.x, 5.x

**d.rast.legend.sh**  
**d.rast.legend.sh** help  
**d.rast.legend.sh** rast\_map [num\_of\_lines]

d.rast.legend.sh

Bash

<

>

**rast\_map** :

**num\_of\_lines** :

가 . GRASS

, 가

num\_of\_lines

\$GISBASE/scripts

d.rast.legend.sh

d.legend, d.rast

Jianping Xu, Scott Madry, Rutgers University.13

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# d.zoom.last.sh



**d.zoom.last.sh** - (region) ,  
region . (d.zoom 가  
GRASS ).

(GRASS Shell Script)  
GRASS VERSION : 4.x, 5.x

## d.zoom.last.sh

d.zoom.last.sh (region)  
region Bash .  
region .

'g.region region=last'  
'g.region last'

zoom undo( ) .

region , (Zoom In)  
region .  
, last region d.zoom.last.sh .

註) , g.region region last

\$GISBASE/scripts/d.zoom.last.sh.

d.zoom, g.region

Jianping Xu, John Bognar, Rutgers University.14

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# dcorrelate.sh

**dcorrelate.sh** - (2- 4)

(GRASS Shell Script)  
GRASS VERSION : 4.x, 5.x

**dcorrelate.sh** layer1 layer2 [layer3 [layer4]]

dcorrelate.sh r.stats C- (csh(1))

< >  
layer1 layer2 [layer3 [layer4]] :

	r.stats	UNIX awk
d.TEXT	d.graph	
3	4	가
	/bin/csh	csh

\$GISBASE/scripts/dcorrelate.sh

d.text, d.graph, r.coin, r.stats  
The UNIX awk command

Michael Shapiro, U.S. Army Construction Engineering Research Laboratory.15

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# grass.logo.sh

---

**grass.logo.sh** - GRASS  
(GRASS Shell Script)  
GRASS VERSION : 4.x, 5.x

## grass.logo.sh

grass.logo.sh d.graph

. d.graph 가  
\$GISBASE/scripts grass.logo.sh

d.graph d.mapgraph

grass.logo.sh d.rast

d.font, d.graph, d.mapgraph, d.rast

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# hsv.rgb.sh

---

**hsv.rgb.sh** - HSV ( , , ) RGB(Red, Green, Blue)

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**hsv.rgb.sh** file1 file2 file3

hsv.rgb.sh r.mapcalc HSV( , , ) RGB  
(Bash) . Foley Van Dam  
가 . HSV  
RGB

\$GISBASE/scripts hsv.rgb.sh

rgb.hsv.sh

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17, sept., 2000, under **GPL**

# old.cmd.sh

---

```
old.cmd.sh - GRASS 3.2 GRASS
              4.2
(GRASS Shell Script)
```

```
GRASS VERSION : 4.x, 5.x
```

```
old.cmd.sh 3.2_program.name
```

```
old.cmd.sh GRASS 3.2
            GRASS 4.2 GRASS 3
            4 GRASS 3.2
```

```
< >
3.2_program.name : GRASS 3.2
```

```
old 3.2 program name replaced with: new 4.2 program name
```

```
GRASS 3.1 list 4.2
```

```
old.cmd.sh list
```

```
list replaced with: g.list
```

```
$GISBASE/scripts
```

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17, sept., 2000, under **GPL**

# rgb.hsv.sh

---

**rgb.hsv.sh** - RGB HSV  
(GRASS Shell Script)  
GRASS VERSION : 4.x, 5.x

**rgb.hsv.sh** file1 file2 file3

rgb.hsv.sh r.mapcalc RGB HVS  
(Bash) . Foley Van Dam  
HSV 3 RGB

\$GISBASE/scripts

hsv.rgb.sh

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# r.univar

---

**r.univar** - GRASS  
(GRASS Script)  
GRASS VERSION : 4.x,5.x

**r.univar**  
**r.univar** help  
**r.univar** name

r.univar

**name :**

s.univar

Markus Neteler  
neteler@geog.uni-hannover.de.21

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17, sept., 2000, under **GPL**

# shade.rel.sh

**shade.rel.sh** -

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**shade.rel.sh**

shade.rel.sh

bash

;

**shade.rel.sh**

1)  $(0 - 90)$

2)  $(- 1 - 360),$

3)

elevation

, shade.rel.sh

r.mapcalc

```
r.mapcalc; EOF
shade = eval( \
x=$(elevation - 1, - 1) + 2*elevation[0, - 1] + elevation[1, - 1] \
- elevation[- 1, 1] - 2*elevation[0, 1] - elevation[1, 1])*(8.*$wres) , \
y=$(elevation[- 1, - 1] + 2*elevation[- 1, 0] + elevation[- 1, 1] \
- elevation[1, - 1] - 2*elevation[1, 0] - elevation[1, 1])*(8.*$nsres) , \
slope=90.-atan(sqrt(x*x + y*y)), \
a=round(atan(x,y)), \
aspect=if(x|y,if(a,a,360)), \
cang = sin($a)*sin(slope) + cos($a)*cos(slope) \
* cos($az - aspect), \
if(cang < 0, 0, 100*cang)
EOF
```

```
..
r.mapcalc
"The Neighborhood Modifier" ..
```

```
shade.rel.sh r.colors
```

```
r.colors shade color=grey.22
```

註)

```
.. $GISBASE/scripts/shade.rel.sh
```

```
blend.sh, g.ask, g.region, r.colors, r.mapcalc
An Algebra for GIS and Image Processing,
by Michael Shapiro and Jim Westervelt, U.S. Army Construction
Engineering Research Laboratory(March/1991).
```

Jim Westervelt, U.S. Army Construction Engineering Research Laboratory.23

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```



# show.fonts.sh

---

show.fonts.sh - 가

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**show.fonts.sh**

show.fonts.sh d.erase - a

, d.font

Bash

d.font

d.font d.text

show.fonts.sh 가

d.font

\$GISBASE/scripts

d.display, d.erase, d.font, grass.logo.sh, d.label, d.legend, d.paint.labels,  
d.text, d.title

James Westervelt, U.S. Army Construction Engineering Research Laboratory.25

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# slide.show.sh

---

**slide.show.sh** -

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**slide.show.sh** [**across**=value] [**down**=value] [**mapsets**=list]

slide.show.sh

GRASS

< >  
**across**=value : 가

: 4

**down**=value :

: 3

**mapsets**=list :

:

\$GISBASE/scripts/slide.show.sh

d.display, d.erase, d.text, g.mapsets, 3d.view.sh, grass.logo.sh, show.fonts.sh

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# split.sh

---

**split.sh** -

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**split.sh** mapname mapname [cmd=GRASS\_command]  
[cmd2=GRASS\_command] [view=horiz]

split.sh

, GRASS 가

< >

**view=horiz** :

가

**cmd=GRASS\_command**

. GRASS . d.rast가  
. d.3d, d.vect .

**cmd2=GRASS\_command**

가 cmd cmd2  
d.rast가 . 가 cmd  
가 cmd cmd2  
1 cmd, 2 cmd2가 .

split.sh soils vegcover

split.sh soils cmd2=d.legend "soils red"

split.sh elevation vegcover cmd=d.3d view=horiz

split.sh . cmd, cmd2,  
view 가 ,  
가 .

. \$GISBASE/scripts/split.sh .

d.3d, d.frame, d.rast, d.sites, d.vect

Michael Higgins, U.S. Army Construction Engineering Research Laboratory.28

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# start.man.sh

---

`start.man.sh` - 가 GRASS GRASS

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

`start.man.sh` 4.2\_program.name

`start.man.sh` GRASS 4.2 GRASS User's Reference  
Manual

GRASS main alpha, contrubuted source code

GRASS 4.2

`start.man.sh`

`new.program`

`new.program.man`

`start.man.sh new.program > new.program.man`

< >

4.1\_program.name :

`$GISBASE/scripts`

`bug.report.sh`, `g.help`, `g.manual`

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# tig.rim.sh

**tig.rim.sh** - rim/TIGER

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**tig.rim.sh** help

**tig.rim.sh** dbname tractN1 tractN2 ...

```
tig.rim.sh GRASS RIM v.db.rim rim
.
dbname v.in.tiger RIM
. tig.rim.sh 가
( ,
, county) (區 , tract), ( , block)
. , ,
dbname.county,
dbname.tract, dbname.bg
TtractN , N
```

.bg .bk가

註: (地番)

가

가

(tract), (block) . TIGER(Topologically Integrated Geographic Encoding and Referencing System)

. TIGER

Puerto Rico, Virgin ,

가

가

가

. ^ ^

< >

dbname : rim

tractN :

TIGER , TIGER 가

RIM  
v.db.rim

? ^ ^

TIGER itiger.info.sh

v.in.tiger

v.db.rim

v.in.tig.rim, v.db.rim, tiger.info.sh.30

Jim Hinthorne and David Satnik, GIS Lab, Central Washington University,  
Ellensburg, WA..31

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# tiger.info.sh

---

**tiger.info.sh** - TIGER 1

(GRASS Shell Script)

GRASS VERSION : 4.x, 5.x

**tiger.info.sh** help

**tiger.info.sh** *infile*

tiger.info.sh TIGER 1

*infile*

v.in.tig.rim

, Gen.Maps

註)

가

< >

**infile** : TIGER 1

가

가

m.tiger.region, v.in.tig.rim, v.db.rim, Gen.Maps , Gen.tractmap

Marjorie Larson, U.S. Army Construction Engineering Research Laboratory

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