1 Go 言語による Hello World

```
>|sh|
#!/bin/bash

if [ $# -ne 1 ]; then
  echo "指定された引数は$#個です。" 1>2|
  echo "実行するにはTwilogcsvのファイル名を1つ引数で指定。" 1>2
  exit 1
fi

cd ~/twilog
prev_file=$1
user=${prev_file%%[0-9]*\.csv}
pp=`sed -nE '1s/^([0-9]{4}-[0-9]{2}-[0-9]{2}
    [0-9]{2}:[0-9]{2}:[0-9]{2}).+/\1/p' $prev_file`; echo $pp
next_file=`basename ~/Downloads/${prev_file%%[0-9]*\.csv}*.csv.gz`
mv ~/Downloads/$next_file ~/twilog/tmp.csv.gz
new_file=${next_file%.gz}

next_file=tmp.csv
gunzip ${next_file}.gz

ruby -pne '$_.gsub!(/\n/, " ")' $next_file | ruby -pne '$_.gsub!(/" "/, "\"\n
    \"")'|sed '$s/ $/\n/' > a  mv a $next_file
sed -i -E "s/\"([0-9]+)\",\"([0-9]{2})([0-9]{2})([0-9]{2})
    ([0-9]{2})([0-9]{2})([0-9]{2})\",\"(.+)\"$/20\2-\3-\4 \5:\6:\7 \"\8\"
    https:\/\/twitter.com\/${user}\/status\/\/\1/" $next_file
echo "new $next_file"
echo "prev $prev_file"
sed -i  '1i XXX' $prev_file  sed -n "1,$((`sed -n "/${pp}/=" ${next_file}` -
    1))p" $next_file | sed -i '1r /dev/stdin' $prev_file  sed -i '/^XXX$/d'
    $prev_file
mv tmp.csv $new_file

if [ $prev_file != $new_file ]; then
  rm $prev_file
fi

sed -n "1,$((`sed -n "/${pp}/=" ${new_file}` - 1))p" $new_file | wc -l
 echo "${new_file}を更新しました。"


||<
```

Listing 1: make-pdf.sh

```
#!/bin/bash

org_file=$1
cp $org_file tmp.md
work_file='tmp.md'

sed -i -E '/^>\|.+\|$/,/\|\|<$/s/.+/コード削除/' tmp.md
sed -i 's/\\n/¥ ＼n/g' tmp.md
sed -i -E 's/^(- .+)\[(https?:\/\/.+)\]\(https?:\/\/.+)$/\1\2/g' tmp.md
#sed -i -e 's%\(https\?://[^ ]\+\)[ \|"]% <\1>%g' tmp.md
#sed -i -E "s%(https?:\/\/[-_.-p\'()a-zA-Z0-9;\/?:\@&=+\$,%#]+)% <\1>%g" tmp.
    md

md-to-tex-pandoc.rb tmp.md

day=`ruby -e 'require "wareki";print Date.today.strftime("%Jf")'`
#day="\\\newline ${day/\"//}"
sed -i -E "s/^\"令和.+\"/$day/" preamble.txt
sed -i -E 's/"(令和.+)"\1/' preamble.txt
sed -i -E "/\\maketitle/r preamble.txt" tmp.tex
sed -i -E "1,/\\begin\{document\}/s/(https?:\/\/[-_.-p\'()a-zA-Z0-9;\/?:\@
    &=+\$,%#]+)/\\\url{\1} /g" tmp.tex
```

```
lualatex tmp.tex
lualatex tmp.tex
mv tmp.pdf ${org_file/.md/.pdf}
`evince ${org_file/.md/.pdf}`

#rm *.aux *.log *.toc *.tex tmp.txt
```