Example Log Documentation
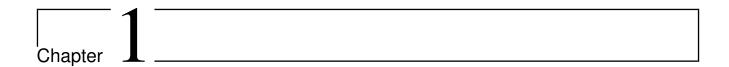
John Doe

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Chapter 1

Getting Started

1.1 Dependencies

On Debian GNU/Linux based computer:

```
sudo apt-get install texlive texlive-xetex texlive-latex-extra python-pygments latexmk
```
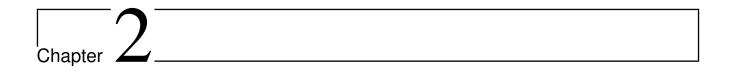
1.2 Installation

compile & install the program:

```
cd path/to/some/folder
svn co svn+ssh://usrname@csg.bcmd.bcm.edu/nfs/usr/local/svn/gw_log ./
svn up
sudo python3 setup.py install
```

1.3 Try It Out!

Run the following script and read the output

```bash
BASH

gw_log -h
gw_log full -h
gw_log lite -h
gw_log lite demo.log --author "John Doe" --title "Example log documentation" -c -f --output demo.pdf
gw_log full demo.log --author "John Doe" --title "Example log documentation"
```

Chapter 2

Usage

2.1 Syntax

2.1.1 Basic formatting

Emphasis symbols

"double quote", 'single quote', *italics*, **bold**, ***bold italics***, `monospaced`, www.google.com

Reference note

I visit the BCM website [1] daily

Blocks

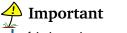this is a shadowed square

- this
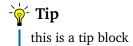
- is

- a list block

⚠ **Warning**
this is a warning block

✎ **Note**
this is a note block

---

[1]BCM website Baylor College of Medicine, `www.bcm.edu`

⚠ Important

this is an important block

💡 Tip

this is a tip block

2.1.2   Special boxes

terminal output

```
                                    OUTPUT
ESP6900.chr10.May02.release.vcf.gz      ESP6900.chr20.May02.release.vcf.gz.tbi
ESP6900.chr10.May02.release.vcf.gz.tbi  ESP6900.chr21.May02.release.vcf.gz
ESP6900.chr11.May02.release.vcf.gz      ESP6900.chr21.May02.release.vcf.gz.tbi
ESP6900.chr11.May02.release.vcf.gz.tbi  ESP6900.chr22.May02.release.vcf.gz
ESP6900.chr12.May02.release.vcf.gz      ESP6900.chr22.May02.release.vcf.gz.tbi
```

terminal command

```
echo "Hello, world!"
```

languages

```bash
                                    BASH
vtools init esp69h
chrs='X 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22'
for chr in $chrs
do
        vtools import --format cache/esp.fmt /home/HD1/ESP6900/May02/ESP6900.chr$chr.May02.release.vcf.gz --build hg19 -j7
        echo "sleeping for 1 min ... (time to kill me if you've planned so!)"
        sleep 60
done
vtools admin --merge_samples
```

```r
                                    R
argsv <- commandArgs(trailingOnly = TRUE)
dat <- read.table(pipe('cat /dev/stdin'), header=TRUE, sep = "\t")
for (i in argsv) get(i)(dat)
```

```python
                                    PYTHON
def map( fun, list ):
    nlist = []
    for item in list:
        nlist.append( fun( item ) )
    return nlist
```

```cpp
                                    CPP
#include <iostream>
using namespace std;
void main()
```

```
{
  cout << "Hello World!" << endl;
}
```

```sql
SELECT
  kEntity, sTranType, sItemType,
  COUNT(*) AS SaleLineCount,
  SUM(mAmount) AS sum_mAmount
FROM aTranLine
WHERE
  sTranType IN
    ('CashSale','CustInvc','CustChrg','CustCred')
  AND
    bDocMain = False
  AND
    sEntity2Type = 'CustJob'
GROUP BY kEntity, sTranType, sItemType
```

2.1.3   Figures

Support pdf, png and jpg. This is bcm logo

and smaller ...

2.2   Another Section

Chapter 3

Another Chapter