

Procmail

Configuration

~/.forward

```
john@example.com, benny@example.com, "|exec /usr/bin/procmail -f- || exit 75"
```

~/.procmailrc

```
MAILDIR=/var/spool/mail
SHELL=/bin/sh
LOGFILE=$HOME/temp/procmail.log
LINEBUF=8192
VERBOSE=yes
SUBJECT=`formail -xSubject:`

SMS_SUBJECT="Alert: $SUBJECT, something went wrong with the DS storage, pls check your mail
box ASAP!!"
SMS_SUBJECT_1="Alert: $SUBJECT, something went wrong with the IBM xServer, pls check your
mailbox ASAP!"
SMS_T0="alert@example.com"
SMS_ID="[SMS_AIX]"

# Phone numbers
# 123123123
SMS_PHONE="123123123 456456456"

:0
# Fetching all email
#* ^From.*
#
# For DS Storage
# Fetch the email that included the word 'tpemismo02'.
#* ^From.*(tpemismo02)
```

```

# Sending the SMS via email
#| echo "$SMS_ID" | mail -s "$SMS_SUBJECT" "$SMS_TO" ;
# Sending the SMS via API
#| /usr/local/bin/sendSMS.sh -t "$SMS_SUBJECT" -n "$SMS_PHONE";

:0
# For ServerRaid/MegaRaid
* ^From.*(tpecimvm02|tpecimvm04|tpecimvm05|tpecimvm08|tpecimvm09|pms2|adb1-
a|tomahawk06|tpecimvm07|tpecimvm10|tpecimvm12|tycitpvm02|tycitpvm81|tycitpvm82|tycitpvm83)
| /usr/local/bin/sendSMS.sh -t "$SMS_SUBJECT_1" -n "$SMS_PHONE";

```

/usr/local/sendSMS.sh

```

#!/bin/bash
# File: sendSMS.sh
# Author: A.Lang
# Purpose: Sendind the SMS thru FareaStone carrier
# Created: 2014/01/13
#

API_SYSID="WINSEMIP"
API_SRCADD="01916800021175400000000"
API_URL="http://61.20.32.60:6600/mpushapi/smssubmit"

Usage() {
    echo "Usage: $0 [-t <TEXT-Message>] [-n <phone-number>]";
    echo "For example: $0 -t \"Hello, SuperMan\" -n \"085713 457199\" "
}

while getopts ":t:n:" o; do
    case "$o" in
        t)
            t=$OPTARG
            ;;
        n)
            n=$OPTARG
            ;;
        \?)
            echo "Invalid option: -$OPTARG"
            Usage
    esac
done

```

```

        exit 1
        ;;
    :)
        echo "Option -$OPTARG requires an argument !"
        Usage
        exit 1
        ;;
    esac
done

if [ $OPTARG -ne 5 ]; then
    echo "Invalid options entered !"
    Usage
    exit 1
fi

IN_TXT="$t"
IN_PHONE="$n"

function parseXML() {
    elemList=( $(echo $xmlFile | tr '\n' ' ' | XMLLINT_INDENT="" xmllint --format - |
/bin/grep -e "</.*>$" | while read line; do \
        echo $line | sed -e 's/^\.*<\\/' | cut -d '>' -f 1; \
done) )

    totalNoOfTags=${#elemList[@]}; ((totalNoOfTags--))
    suffix=$(echo ${elemList[$totalNoOfTags]} | tr -d '</>')
    suffix="${suffix}_"

    for (( i = 0 ; i < ${#elemList[@]} ; i++ )); do
        elem=${elemList[$i]}
        elemLine=$(echo $xmlFile | tr '\n' ' ' | XMLLINT_INDENT="" xmllint --format - |
/bin/grep "</$elem>")
        echo $elemLine | grep -e "^</[^\ ]*>$" 1>/dev/null 2>&1
        if [ "0" = "$?" ]; then
            continue
        fi
        elemVal=$(echo $elemLine | tr '\011' '\040' | sed -e 's/^[^\ ]*//' -e
's/^\.*>\([^\<].*\)<.*>$/\1/' | sed -e 's/^[^\ ]*//' | sed -e 's/[^\ ]*$//')
        xmlElem="${suffix}$(echo $elem | sed 's/-/_/g')"
```

```

        eval ${xmlElem}=`echo -ne \"\"${elemVal}\"\"`
        attrList=$(echo $xmlFile | tr '\n' ' ' | XMLLINT_INDENT="" xmllint --format - |
/bin/grep "</$elem>" | tr '\011' '\040' | sed -e 's/^[ ]*//' | cut -d '>' -f 1 | sed -e
's/^[^ ]*//' | tr '"' '' | tr "'" '\n' | tr '=' '\n' | sed -e 's/^[ ]*//' | sed '/^$/d' |
tr '\011' '\040' | tr ' ' '>'))
        for (( j = 0 ; j < ${#attrList[@]} ; j++ )); do
            attr=${attrList[$j]}
            ((j++))
            attrVal=$(echo ${attrList[$j]} | tr '>' ' ')
            attrName=`echo -ne ${xmlElem}_${attr}`
            eval ${attrName}=`echo -ne \"\"${attrVal}\"\"`
        done
done
}

```

```

function Process_PhoneNumbers(){
    if [ -n "$@" ]; then
        API_DEST=""
        for no in $@
        do
            API_DEST="${API_DEST}<DestAddress>${no}</DestAddress>"
        done
    fi
}

```

```

function PreCheck(){
    NOT_OK=0
    ## Check the command curl
    if ! which curl > /dev/null 2>&1; then
        NOT_OK=1
        echo "The Command curl NOT Found!"
    fi

    ## Check the command base64
    if ! which base64 > /dev/null 2>&1; then
        NOT_OK=1
        echo "The Command base64 NOT Found !"
    fi
}

```

```

## Check the internet to FareaStone
if ! curl -m 6 --silent --head $API_URL | egrep "200 OK" >/dev/null
then
    NOT_OK=1
    echo "It seems the internet is down !"
fi

if [ $NOT_OK -eq 1 ]; then
    return 0
else
    return 1
fi
}

function SendSMS(){
    XML_STR='xml=<?xml version="1.0" encoding="UTF-
8"?><SmsSubmitReq><SysId>`${API_SYSID}`</SysId><SrcAddress>`${API_SRCADD}`</SrcAddress>`${API_
DEST}`<SmsBody>`${API_TXT}`</SmsBody><DrFlag>true</DrFlag><FirstFailFlag>false</FirstFailFlag>
</SmsSubmitReq>'

    RE=$(echo $XML_STR | curl -d @- $API_URL)

}

API_TXT=$(echo "$IN_TXT" | base64)

if PreCheck; then
    echo "Aborted."
    exit 1
fi

Process_PhoneNumbers "$IN_PHONE"

SendSMS

xmlFile=$RE

```

```
parseXML
```

```
echo "ResultCode: $SubmitRes_ResultCode" #Variables for each XML Element
```

```
echo "ResultText: $SubmitRes_ResultText" #Variables for each XML Element
```

```
echo ""
```

Revision #2

Created 2026-03-17 16:25:11 CST by A-Lang (Admin)

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