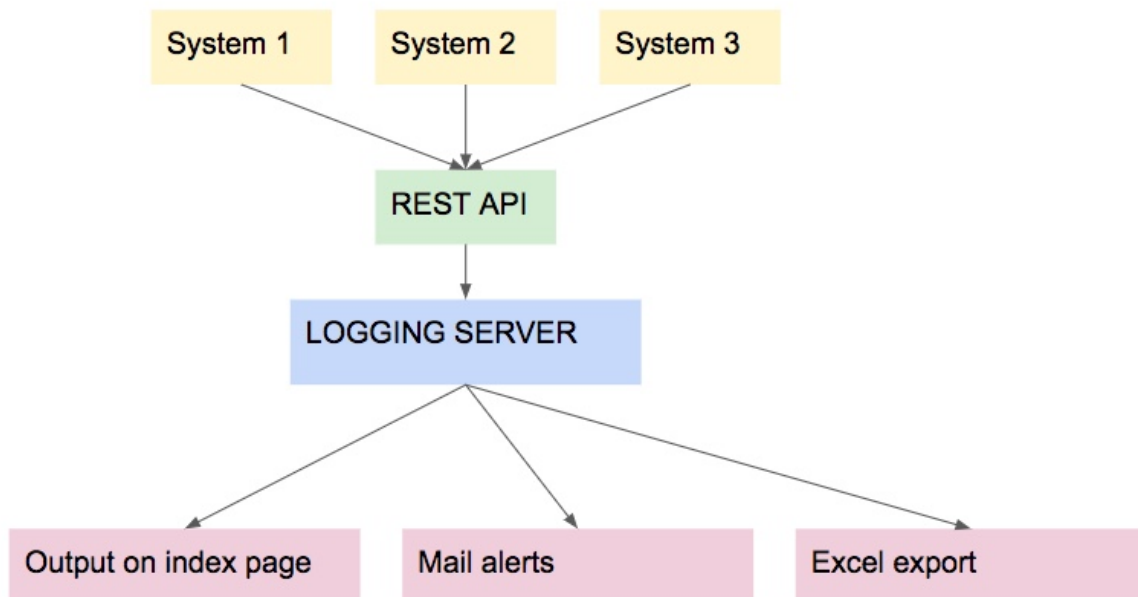


Logging server demo

Introduction	1
Sending message	2
Login	3
Logs list	4
Mail alerts	7
Systems	10

Introduction

This server is made to receive different log messages from different application servers.



You can send with a REST Api messages to the server. The keys are secured by SSH Key-Based Authentication and X signature.

You can send following information

- 1) System name of the application sending the message
- 2) Type of the message (Application, System, Security)
- 3) Level (Error, Warning, Notice etc)

On the server you can find all messages from the index page, search them and order them.

You can set mail alerts and configure them.

There are 2 user levels on the server, Admin and User.

I have made this system with Symfony framework, MYSQL and REST API on LAMP server.

Sending message

Using the demo script:

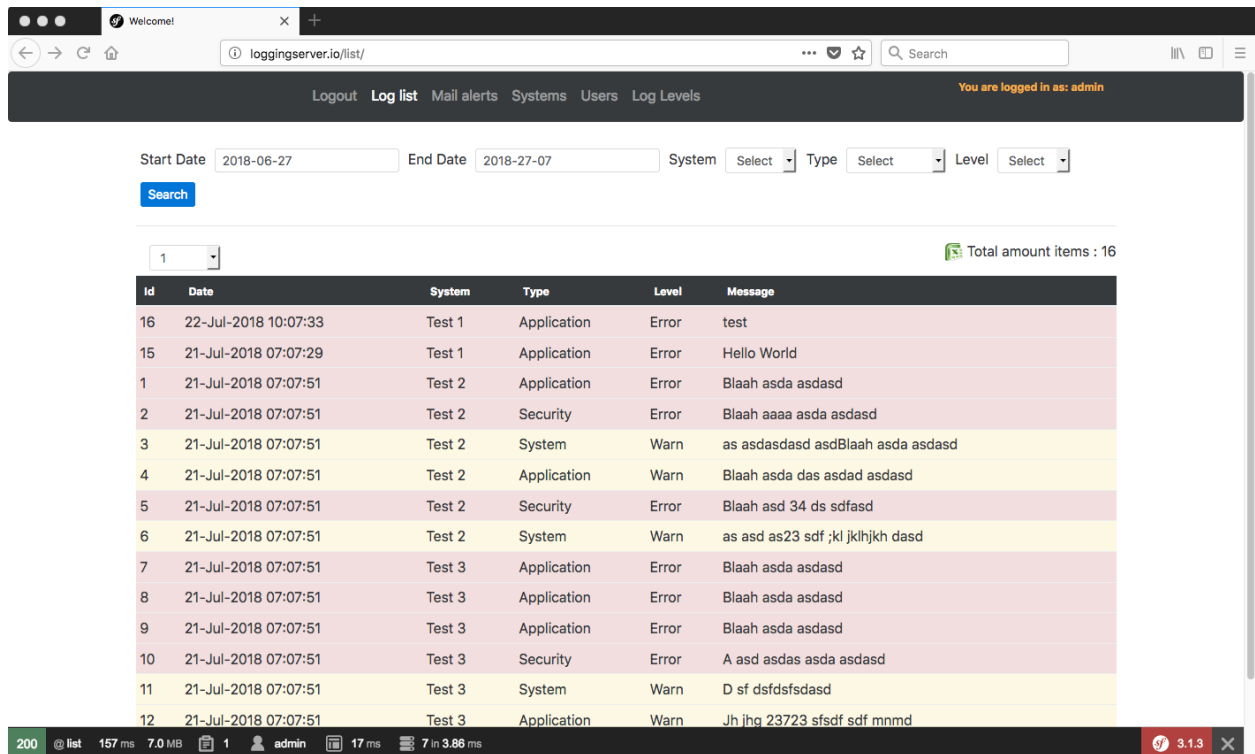
```
php demoScripts/sendMessage.php name "Test 1" level 1 type 1 message "test"
```

Response code 201

Success

Inserted log id: [16] .

Received message



The screenshot shows the loggingserver.io web interface. The top navigation bar includes links for Logout, Log list, Mail alerts, Systems, Users, and Log Levels. A status message indicates "You are logged in as: admin". Below the navigation bar, there are filters for Start Date (2018-06-27), End Date (2018-27-07), System (Select), Type (Select), and Level (Select). A Search button is present. The main content area displays a table of log entries with columns: Id, Date, System, Type, Level, and Message. The table shows 16 items, with the first 12 visible. The status bar at the bottom indicates 200 @ list, 157 ms, 7.0 MB, 1, admin, 17 ms, 7 in 3.86 ms, and version 3.1.3.

Id	Date	System	Type	Level	Message
16	22-Jul-2018 10:07:33	Test 1	Application	Error	test
15	21-Jul-2018 07:07:29	Test 1	Application	Error	Hello World
1	21-Jul-2018 07:07:51	Test 2	Application	Error	Blaah asda asdasd
2	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah aaaa asda asdasd
3	21-Jul-2018 07:07:51	Test 2	System	Warn	as asdasdasd asdBlaah asda asdasd
4	21-Jul-2018 07:07:51	Test 2	Application	Warn	Blaah asda das asdad asdasd
5	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah asd 34 ds sdfasd
6	21-Jul-2018 07:07:51	Test 2	System	Warn	as asd as23 sdf ;kl jklhjk dasd
7	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
8	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
9	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
10	21-Jul-2018 07:07:51	Test 3	Security	Error	A asd asdas asda asdasd
11	21-Jul-2018 07:07:51	Test 3	System	Warn	D sf dsfdfsdsd
12	21-Jul-2018 07:07:51	Test 3	Application	Warn	Jh jhg 23723 sfsdf sdf mnmd

Login

Login

Username

Password

Login



Logs list

Index

Welcome!

loggingserver.io/list/

Search

...

You are logged in as: admin

Logout

Log list

Mall alerts

Systems

Users

Log Levels

Start Date

2018-06-27

End Date

2018-27-07

System

Select

Type

Select

Level

Select

Search

1

Total amount items : 15

Id	Date	System	Type	Level	Message
15	21-Jul-2018 07:07:29	Test 1	Application	Error	Hello World
1	21-Jul-2018 07:07:51	Test 2	Application	Error	Blaah asda asdasd
2	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah aaaa asda asdasd
3	21-Jul-2018 07:07:51	Test 2	System	Warn	as asdasdasd asdBlaah asda asdasd
4	21-Jul-2018 07:07:51	Test 2	Application	Warn	Blaah asda das asdad asdasd
5	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah asd 34 ds sdfasd
6	21-Jul-2018 07:07:51	Test 2	System	Warn	as asd as23 sdf ;kl jkljhkh dasd
7	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
8	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
9	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
10	21-Jul-2018 07:07:51	Test 3	Security	Error	A asd asdas asda asdasd
11	21-Jul-2018 07:07:51	Test 3	System	Warn	D sf dsfdfsdsdasd
12	21-Jul-2018 07:07:51	Test 3	Application	Warn	Jh jhg 23723 sfsdf sdf mnmd
13	21-Jul-2018 07:07:51	Test 3	Security	Error	Bas sd asdads4 ds sdfasd

200

@ list

463 ms

6.0 MB

1

admin

27 ms

7 in 36.46 ms

3.1.3

Index , filtered by System, Test 2 and Type Application

Welcome!

loggingserver.io/list/?startDate=2018-06-27&endDate=2018-27-07&systemid=2&type=1&le...

Search

Logout Log list Mail alerts Systems Users Log Levels

You are logged in as: admin

Start Date2018-06-27End Date2018-27-07SystemTest 2TypeApplicationLevelSelect

Search

1

Total amount items : 2

Id	Date	System	Type	Level	Message
1	21-Jul-2018 07:07:51	Test 2	Application	Error	Blaah asda asdasd
4	21-Jul-2018 07:07:51	Test 2	Application	Warn	Blaah asda das asdad asdasd

200

@ list 114 ms 4.0 MB 1 admin 10 ms 7 in 4.72 ms

3.1.3

Mail alerts

Index

Welcome!

loggingserver.io/mailalerts/

Search

Logout

Log list

Mail alerts

Systems

Users

Log Levels

You are logged in as: admin

Insert Alert

id	System	Level	Type
system = Test 1	type = Security	level = Error	<div>Edit</div> <div>Delete</div>

200

@ mailalerts

201 ms

4.0 MB

admin

8 ms

8 in 16.25 ms

3.1.3

Edit

Welcome!

loggingserver.io/editmailalert/1

Search

Logout

Log list

Mail alerts

Systems

Users

Log Levels

You are logged in as: admin

☒ Active

System

Test 1

Type

Security

Level

Error

Save

200

@ editmailalert

86 ms

4.0 MB

1

admin

9 ms

6 in 2.81 ms

3.1.3

Systems

Index

Welcomet

loggingserver.io/systems/

Search

Logout

Log list

Mail alerts

Systems

Users

Log Levels

You are logged in as: admin

Insert System

id	name		
1	Test 1	Edit	Delete
2	Test 2	Edit	Delete
3	Test 3	Edit	Delete
4	Test 4	Edit	Delete

200

@ systems

50 ms

2.0 MB

admin

1 ms

2 in 1.44 ms

3.1.3

Edit

Welcome!

loggingserver.io/editsystem/1

Search

Logout

Log list

Mail alerts

Systems

Users

Log Levels

You are logged in as: admin

Name

Test 1

Apikey

dsf23sf

Pubkey

dsf32345356734ewr

Save

200

@ editsystem

72 ms

4.0 MB

1

admin

5 ms

2 in 0.91 ms

3.1.3

Users

Index

Welcomet

×

+

←

→

↺

🏠

loggingserver.io/users/

⋮

🔖

☆

🔍 Search

📑

📄

☰

Logout

Log list

Mail alerts

Systems

Users

Log Levels

You are logged in as: admin

Insert User

Id	Name	Role	Email		
1	tuulia	tuulia@test.nl	ROLE_USER	Edit	Delete
2	admin	admin@test.nl	ROLE_ADMIN	Edit	Delete

200

@ users

60 ms

2.0 MB

👤 admin

📄 1 ms

📄 2 in 0.83 ms

🔥 3.1.3

✕

Logged in as user, only Log List and Mail alerts are allowed.

200 @ list 101 ms 4.0 MB 1 100% 9 ms 7 in 4.10 ms

200 @ list 101 ms 4.0 MB 1 100% 9 ms 7 in 4.10 ms

3.1.3

Logout Log list Mail alerts

You are logged in as: tuulia

Start Date 2018-06-27 End Date 2018-27-07 System Select Type Select Level Select

Search

1

Total amount items : 15

Id	Date	System	Type	Level	Message
15	21-Jul-2018 07:07:29	Test 1	Application	Error	Hello World
1	21-Jul-2018 07:07:51	Test 2	Application	Error	Blaah asda asdasd
2	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah aaaa asda asdasd
3	21-Jul-2018 07:07:51	Test 2	System	Warn	as asdasdasd asdBlaah asda asdasd
4	21-Jul-2018 07:07:51	Test 2	Application	Warn	Blaah asda das asdad asdasd
5	21-Jul-2018 07:07:51	Test 2	Security	Error	Blaah asd 34 ds sdfasd
6	21-Jul-2018 07:07:51	Test 2	System	Warn	as asd as23 sdf ;kl jklhjk dasd
7	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
8	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
9	21-Jul-2018 07:07:51	Test 3	Application	Error	Blaah asda asdasd
10	21-Jul-2018 07:07:51	Test 3	Security	Error	A asd asdas asda asdasd
11	21-Jul-2018 07:07:51	Test 3	System	Warn	D sf dsfdfsdsdasd
12	21-Jul-2018 07:07:51	Test 3	Application	Warn	Jh jhg 23723 sfsdf sdf mnmd
13	21-Jul-2018 07:07:51	Test 3	Security	Error	Bas sd asdads4 ds sdfasd

Log Levels

Welcome!

loggingserver.io/logslevels/

Search

[Logout](#) [Log list](#) [Mail alerts](#) [Systems](#) [Users](#) **Log Levels**

You are logged in as: admin

Insert Log Level

id	name		
1	Error	Edit	Delete
2	Warn	Edit	Delete
3	Notice	Edit	Delete

200 @ logslevels 46 ms 2.0 MB admin 1 ms 2 in 0.71 ms 3.1.3

Demo script

```
<?php
/**
 * Class sendMessage
 *
 * This is a demo script how to send messages to logging server with
 * raw php (without Symfony framework)
 *
 * Note: If there are problems, verify first the memeber variables in section
 * 'CONFIGURATION'
 *
 *
 * USAGE : php demoScripts/sendMessage.php name "NAME_OF_THE_SYSTEM" level LEVEL_NRO type
 * TYPE_NRO message MESSAGE
 *
 */

class sendMessage{

    /**
     * CONFIGURATION
     *
     * The private members $apiBaseUrl, $apiKeys and $privateKeys
     * are dependent of the configuration of this system.
     * See details how to check correct configuration above each param.
     *
     */

    /**
     * Api Base url
     *
     * This must be the same as 'api_base_url' in file app/config/parameters.yml
     *
     * @var string
     */
    private $apiBaseUrl = 'http://loggingserver.io/api/insertlog/';

    /**
     * apiKeys
     *
     * The should be the same as in table and column 'client_systems'.'apikey'
     *
     * @var array
     */
    private $apiKeys = [
        'Test 1' =>'dsf23sf',
        'Test 2' =>'234324dsf23sf',
        'Test 3' =>'sdfgfdsf23sf',
        'Test 4' =>'23234ffff23sf',
    ];
}
```



```

/**
 * privateKeys
 *
 * These should be the same as in
 * /app/config/parameters_test.yml
 *
 * @var string
 */
private $privateKeys = [

    'Test 1' =>

'-----BEGIN RSA PRIVATE KEY-----
MIIEKQIBAAKCAgEAYb9ULxg0c5JPD1G8OKTXNhZ5WZo72/B5o6CiYt2h4ioUa+R5
+3Jq9hbD/VRct1q3M8KLewp1D6UUjHOnjHQ4TdI4ro18i3798HdAfnTZMx3DiAcK
CSdHKEhUjrj2mcsZVNYrWN4jplSV3tLgcQWXIL4ghgrJXk48oX2odNenUxqONDXj
FhxATU7FXP/+d0ti00TvULexgpJz9LLa/MBXzGjiu2eJAZx/8qMhxWeJ8aC+eOO
GDoi/03eJu9S+SKTCYB7VvcqYjmFFQ+gXlm5t1GE1g6kAEfAu8q0VHiITrq8x2rD
N//OlYnKfY9gAhsrfqWYPDamxKZ3QoXHCdZbspg17+iq5fIsoIaY3yi7tQ1aNaWj
KoAQpCMEpUYBZNbQYyiTbKvCLxnaMI/oKX1LCfKEt02oezNKgylotYEH5q4BpAz/
lnlC4HDorfCt5Tckb56vyUKfPB05KvBhRwaWHJGfZa+OHoMsYpoZCeAw1lQVq2mU
dpwje7CQt2gpmEjJTEPLH6BR0tGFT0gqFzQCeenWT7hVf3T013pxvb49yPP5rPIg
BiZgaV+c+KbyXL1XS3iJFaB1mPnzLkk0gVMZ9xstTWxN6Fwx9lBT+DkdAGmcnY5T
lQQxGuju+VdmBrW5RaJ2m8WUEaYNGKWEhCMgIEyr9+h12DONVns7SRy18YkCAWEA
AQKCAgBHjopAbfhkqZdLGrWE7cq7kclLY64pk4DBbb9LC8tYWY6GuJId4nZXtLl1t
SBfenNlWDWfFi277zpScQIVEBxDVYWPjXaG4JKHTQajpcW58d+kbFUs9XaDQbmE
KcylveJNNbu8uIWY2wiRUQB0dgQlg+orQPYtcdiFevleAAOEMV4Q3Laf7oNMKE1O
cCoEjAOQZdnwKkdWxbVFLI8JqPs7MFSdhft15eah3B61f4z6FKnuEi0bILu7DBZb
fuhSH1ZBv4V/0gkbb99pGfLKEMHzaIGSHv1CcDDHKt2NPHc0XX2Jya9WVHakKAv3
PvxRD17cww511viNtXGFceoEJTAVujkYiJwWdjxrIIBMQyN6NK3Oqgaa+PCoI7
LoTaSPNJ/COkko0ahqP350G1XYChObOwzu4ho0n9DocnzanoTtqdfRU3o3q15XzF
sI7nfKB+FtyS+Pg4ei+SDO2oHabEdt9yXSJ3e2NegMiTcXgptA8SgSo70Ybpm+Qg
P0y+HH0ZCXsdfco4pa0lqf6vtWTIEGidVy/N2PeAD85QlVIKx4Yx6ayKaR4bVp/A
apqGv5Qu3FwBwRBnmHg6iOB69RiN719WO9zJKbPOERT67V6tYMAH3rPTLEn6iZc1
PR70R4ak70MyzXrVt/6QSB8QR99J1XJjGe/jwQ6FNRqjGIaukQKCAQEA7JTjhUp1
GzovVo04KXYiLJQz9ilb6ro6kdo+AQ30CNjeuxrtD7i5eyH3JtqThO3XCC6zZzVy
iyuTWKh1j16r87PgrQpOuJC7uqm0eawZTRALqDw9pwUIkoVZ490BvvFsREiU+SyC
akb8HLY8XdzPfI4xvYNOzo2sCYbksRjkFXhdVN+Vhgu3PmrLOeX8O3YNNFCAniKq
+DY6RJab+YhMwhm9ig+9a5QiZU/75euk65Ic44zvCN3avRvsP+BHolg93PVUBJRF
GySIPxseTtZCDO9NKpx9Lj6eUkSvyBGRxdQA5jEthIClJQixrSFruE46dTPubO4A
wiQGJjYnZD941QKCAQEA2k5+rjLdhIuWr7kGJxqW9zk+C8sc+3k79MUh5Rp2WKjo
Bowa4es0n5WFWrI8DAUKts52PEQAZGqSMr5OznxzSJRJO0x2k9cszeq2DMdni8N1
Sx+57xzbKDNVvZEchyVxGg1PpKyO6ohRkV4pkTiQf9C0YWYy8KHGpQtirI0bGXJL
mjHIDW+LLxe0KNNpTmxnirUMckWhCVhj1vOnYjNgAYnXPsJozbwdsUhiJdzuLdRl
sljvXyC6YrS1sfCRxy9QmOArxBeL25qQDKxy6w793SyyJ8qjGrffZ8oLOzwpziI
nd5cCsNOBgqkwB3/rRh184ckGPHhoXg4/9t3haDv5QKCAQEA9EULmtZE6i9A7U+C
DNDVNJBih+xKvtib2ucQFkhJEObs1EuEDsscHcvLohBOFXsq5G/Vq3bKFPTaXe5w
VnG0D10OyyNUjhtQJCPRC0spKKQzfdKzprPO8wpEM4xnXuysw9UKmJLUxsR/9T7S
Wh3XjXPXoiZQeYnLDJtLSuOEY7Ov/s1+13/QqZHjgA/XEzItDJjVM2gehJd6Pife
h4vD+1VUC9+W1xYpE/8q131NHMBK04FdNNR8vZ2/GN70V+w6FmwZUqZFVbMYAAcn
Bp2akSRXNWwFXuZqlrZRDEuiWr1Yg3ZUdIwIKv0swG7nZpbosRUoB31/gcNgZiVk
dDEJxQKCAQB6m+t6WwcfEmcnenuCKuTvJS874G/+rTCHYNQCPDQjx3nJc5cFm9yK
ZK2G+uQJjWwHEF5HqsmtnElQQqJwRmVar5sRuvG+QHPhkx18Q+JcFQMjlkYPjdIo
zqxwM/cZ0GWhdCxfCKub/cQSKRiff3vItGca7RNfIvz7/BEHaJj3ycG8cIkzQprb
2WxOIa7bZPciaFzCyCiR3xrz9xTjioc5VfmWPgouwqDKmSTGrzb2dnxHlruaaf9E
wMnrjnnRrTlPIlhYegjBsO+Arro8WscqGZhV0PGaZ/sJh+iW9Etmgrf9gYr5VVE
/2VYoYcF70UP6a7Uc8WNssAQs2qFmsYhAoIBAQDlVhtinAoqr4La8rD7Xim/mN9k
puohc0ITwb/UD/2Hj3Z+FpIj4STvrfcWdHS7zJ386jTKNSyhno8TJT3SHcYBYYLg
64YR6BSTj+0kGiWxHkfNuncq1wWmBotZS9oNPlk+WoJDkuQ2RpjW5DPcecEv/Zx8
WmBJZv7sHLK934Bd+ikb54isKs93JL6nSUObTKIC4nm+Fme4mYA2PWGrVNGWDars
ayj/6QN1JLK3bqGQwLf60c0dr6AbiOk5LPmvUzyXwAnBhv6bzFL7lmHg4ZrAFKyC

```

```
4xOHBdJpuW1MEI/IBn5KIj2x8rGhBMuJYpeSsEbPXUh5ICdcH9WQJ7AQVoS4
-----END RSA PRIVATE KEY-----',
```

'Test 2' =>

```
'-----BEGIN RSA PRIVATE KEY-----
MIIJjwIBAAKCAgEA0xIfYHx0OfWfN4PWtRY5iwp1sUjc1aXgryNCF3HnfqYSS3Mu
r0XgvtbDcgXtUu1qtdhiwT2+oY8f1a5Kup44cXQotFMAaz342BhTiczpu64uISrv
+t7FkX6v0UfVfz2B7snIboSFfuayGuZ1jvjKVCCKPM+dgSyjjMipebGGRxB4E+mVE
t0LvScanDprDv9h4RD1SRFMVXw9qv6Z27pQMxmZMsjzmk23xbHRu5CKkEWTUBjWq
J9t1c305M4IC2/NC4n9AiwdJe4W3yUFVEMtxN3WH17JEhOJ9LVhZVOOuPHER7gk
DWgLCyRwpNcRQSQL6Gak7SnE0uqI1fPUwfrO6kiJOpKj9ax4q9spyD5aKt0mlVN8
U3aMXpVALMfIRT4zy43KZPsqBUy5IB5+WPO11sIkMx1Md71PEzN0bOapZaJVSCTZ
67r8brA3PicpmmqW8nkG39wb+hKqUrpEMo50pefiGc1mcvslpb2AQnnnm91m4rbb
SbjCnlbXermcX/YEr78oqrtNujVCHR2xvvgLTCvSPRwY9SUbhprMab2pc6MSvFBp
aNugS90VS4Qei3Ow6Rx0YYVudRum2HiZR1v91Iimm6/v2fADsbJPY60fTscu6iGf
o/dKVswxbbmL/d0o4xSFgcUZCUR3Z9c6Rg/c5pf4Q7Ma7kH7xrYpmAovVFCAwEA
AQKCAgBgJHUeYhIfBH7NrsPyIH191/ocEvBkcpZzUEAepceorMTQkVrGg7Hnu7Oz
EHgU/IqK41G5bAKVXLhHgOiRMNjM9PhFizk5oDT1Wc8kKk6dKq3gctR/FV1w/9/e
GDZrivzQZCFkFgEo2LRwBFpmUXT39fX80nv9n7Y9d4cjHx5ikrn5xH8UauzMUixu
PpjDnjrJ+MI8VQv7D0629YBfFBjt11OBLKiSzxWVLUQFrrHFKoRzf8BN/2z0ddX6
XFIPFhl1SjmAHJtTV6wbYKwYyDDk55dNGsPD9Bp22NfQa8sq+Xv4ZQwm/ymX/RVC
QKSfy2f5KCgfz1LUL/i8XCChaE8Q9Mo0YNAZPzJLViPfYn90WV1o517xRDS+DNNB
Dt38uV8OivRp4K0vtdBMucc6T9uoAPYbx7bZun5yDu8BoIRioMnapeSUV0Ai4CEc
r2pF5Sg1nIk1ZJT7Tk9bBvGFWLBUHG0+Oj+kt11aCcpd72vef/8pTQKciAe+dptZ
mp0qgEQMHnHB1L1IYO8ZS1yOSNcWNs46sIUkMRbJ5pOcdIRENzhCgvX+s81tVe+1
fzyec3kd+JSEm03olmU3ER0Vd7DI+L81hkKLKjQxMXstdrLZV3pabwv07knBlXHF
bcmiyNUjmlsMWVPvaIihvGLCbyTj9ydJr/3ktY16QpX5LLCPQKCAQEA6uUr7tsJ
W37gnhgG0ygoYsT1jruG8t3M5q8JVrdUv+6zN8HeTKpbYZbdKLCqvm/pSndiY2V4
2y+G6s1FFVt4TBhHdR5dSUU7GX1rKyHLoN5/zdXWkV1Nq71N9KuTPJmn6UkQzf6q
IPrrFSxCnhQWXLUQTatgjVmDuiqJnUwYH10twP6XtdzsKvSSpwMvIXzcsHKUZOiN
jGMUBGjaYezeC/zrEoxwjaVActNqnBiLVKEeizoz6zJ3aaUse54+dmo1Rg0u9TbV
tXp8m4YJ/2xKFPqbOFVNUdBtBhEiQp+nyoisvobw1o+wsT79C9d7XpUeZ1oxh4X7
GmzxZ6PyjHPifwKCAQEA5gj3Hd0TSkGi04+8Wx4OM9/fXg133OuBX+8uDqkKXOU4
W38RkDexk5f3VuoVD7TvUraNCBbwLLV6z+fqQSGhtJm70mQXrxQtckMqJIz+TU19
XV6BRFwcGOo1i57CjMXXS3VNrp6fLukqQEj01Q2dEd1LBGgwJzkpceJ8f9X7gcXu
TTeUqeUL+L6VP3BbcjWrJvOF4VrGoXSspMUuN1/+1be16MERVH88pQsi8sa7aZrX
aowDjI9zMBRr+bb3NqkO+qGsEvuNH669Uw31hyP5xuAZuvYgOSkP0iWAA7FYAb/n
b4+z6suLMVZcabjmvFTkqSD2W2c375d6pP8utnzyKQKCAQAceexmkGVDY1FFuTHy
nVawCqKeSBunC76QZL3kFlue3Qg7BTS25Jwpa4mqKii4tRfaIDj8RcvT/ogDpJzM
ZwdhajwXdbPncw4kG/FHDFMTsz9niPiAQqKe+94buhtm08g1+vCnVHwp5qiOXhm
A5dma8jrMZCF8kkm44tFV31BDRjD4dlwgbTbzESPHLK1A5cZiPqDENpAH67IwIAB
CR8uIt44pG/srBDxGrI89DjH7LRwOoEazUZut0h6QafggSWuNWDw91HxK18513kU
zwL9Le8NWEIEXhYckUc7Z6rmwcT3YBKiyGkSQ8mXiur432kNLID+pf54CKcHYnfA
ETHvAoIbAD354mJoYr8Z6f2n9y5xbZAqW+riJA4gYU3wie8nOgSHOWTlW10JtE04
n0oKbTw7G1OlNv+1lMx1s5gzSjPGSxeUw0/ozbYb9oeIGeSmR1H1IAoax1425UW
2KDCWFZHI1dQnmpKe6bO6TRCs7wHG+9oJN7+FyMqMnFdfP+QL1/rbOWvja0sacpN
xrY911VyAjfPwP25sFR1s/H8shOyT11Ttq5z/fBPC47H71WM14e/URScvp4LNBS
c1T+7pFpko2WBU3QV1BLaKGYNF76eQbiEPkpx74KW/o04j5RvHm/yPS+Afw/eYRUc
2G8fgwLwuf6c4+MCbz6dCE0V94bxKokCggEAQ/pUMhLLoXv/dOHtoAgUsCX3wk8X
Tn/fdQgDkPxfsm4mVz6uN+4Zhci1GoeBb7pv31tFpv4U7iLrYID5RQ17rblWXVuB
liJK7Vwb32C3O2Xn6mPPEktwheSWG9aixs28G914hzfDSEEMqTikpIXQiD+9ms1s
CD152qrk2/BhfIXJu0djujDyCNHnrQhklgrleYK7sZiK52xOUNTaxssoXckBZp1D
MfhaXeY5pfurE2amz7CXQX22BmKaDnKfmlVW+cROvQc0n4idstAobkgOH0dYZnVW
e1LntD606grl/m9ywrY+RNEAJBiZCy1T1WSUO9/YHlrTzcx9NvH/Sv4Mig==
-----END RSA PRIVATE KEY-----',
```

'Test 3' =>

```
'-----BEGIN RSA PRIVATE KEY-----
MIIEJgIBAAKCAgEA73Pq50+jlQRZgYx6+vn2ib9H1mWmcOZ2qWc/XGMKeKgZEG
I02RIe9rEm+gstvRI/gMVgstjdxZWYwZG5RTjbMREoZOV3RlA1pqKSmzrLmKowK
cKdG+NwEhe4mWViDvuMgF7/dkDdppZVx8yroQ1Ll0+N0wryfCzyRzCp6pZzDGrwp
3qsrasqow1I1P2JI8ubpOJefq0uIAVhboh1aE3HujHQKQWP8FTBAHJNWNKMRp1yi
UfykgVea7CyU0GLDm39Xr/u9jQFa915PFw2dEBSvR1Yq/POK+JakC41LJFO7R+Jt
N3Tp1qPJ1IWEiu4pu/DqDGuMKj2OrY7zFggaRU+bp9PSUto44nC0YiKXQnxHXMd8
iPaNhvG56x+xfz0+aKXCfDQEHlR22sJmMSFTwC16Inw5IPC/hvwhpGgf2Pw0EFi
94/LkQiDxpm711Kvv+LbNI9O54mTZGrSak8IVvokRg0aszaH9fFDT1Gsi9za76lo
wPhmUTjNYag2HULoHKKr/rxd0FIxYDWgKFhqrxfjvYptrxvNhL0XOL4KnfX/W7xy
s5gesCA4Q32gDdAEvEC0GpR9uoDFN0PrxdrEs8sKmisLTBYs70MAq+mgJzR6Lwq
jxWdc5RCr0JD2Kayd/IovzCVyBPtnbKWotYjOJf4rr6if6sgaX0eXjWi4jMCAWEA
AQKCAgB6Eew4FkcnbmmFm2CpCACUM1TK+92h/L3XpAXB/acQSPyD641F2HiIn1L
FwKWehlxUJC6qp/yTi+/JNMFuFaobEQHv5/+gdYJutqoC7PoSltsZBY47hmj90M
cnlswDw/K6EEJ+DlXmpDH9UGs+uQ9w6lym5PeueUHotsKxcccOEMPvqmU1scGJzU
3zthRZHKnx51bz3CK/rShF9R4fV5YEAei228MgkdZqCBuM4GizZt++g77rMNRJ5N
wkGz5YzdcjykXsYxNWNMPVPOfYRFcTi24mGfx10Xgvt7kq9JEmgZ7GtUg/8ROj+t
QPjpz7hpdVP9QI7hoFSEtbCf9M1mh4Vq9ZJkU1MUXFoupjAimRcVHJa39A9z0M18
kYZQUB5bPp9jde7GqvsMiZoYZaY4/a68tcIZ0q3TsHHQCMJ6bw7hkoaJrxjOtJgKm
gqZf/eox8cjDSctYqZ7LzCj7oOLMP448raQS2Ga91gI10dwYyqQoAT6KBeGlgpnf
wC58Q1B3We35R1RPNOb+FAWQXGnOO02z30HYUpoJKBjJq4yrplyucPu23Qd7Jg1Z
UP12qePgkFmlhvsKd9078Qt+gdTADLqm54Ew1R7Salfj2JNSP8XOJVwerR8xHt0z
bVVxfMntO10d4YK9SfmiYMRcBiWyhBoVPjmyBxOjd6fQMjP5oQKCAQEA6Ryp0rE/
Q2MhmV7hULS2Rgj2U7E3akThr/8qdaXo+6Y4hb6huMXTtPCeD8bJjDZ9xMZViJYh
TPM6/iTz1iV05v09qTygtSbOBOW8wBOOk8mwyEO4W62auFFEMEH+4OKdb/8z7iMR
UjvC09cxafMAuMXj1ldpcnft0R+YILx6Vo4bDTgk5zLgYl7CXEOvdKkQr9kjpRmN
iwyfXsd941fucKNyHRwaA9XGN0xEBGNNknNQF/br12Px4mky6skEIK11UvO2gIMd
hkKu4vYr9zzT2GmyjRKBQ5GJbDz2xTJZj8iKspPx/gLHcd6LAHYz6vT2qoLe3PIY
BjhKJpSilggBGWKAQEAwQSBX39uRyDunBGhm8xPww/V0FOnyHcx0wPRmNT4jiax
63qnGaNJ/1/yVW2VmsWUfB3ZAEHSIfP0wahTj5vCqj/2qHJ4EsaFmPLbnyH9PDh
MoCkGS8g2S6EFpDCWxeO2qZ7I0VTeQ6QJgD3z2aRhnlflaVnxm+NHhYKbWPGWJE2I
6MEAKt0aBMX55Ch8fAQ0q3zYPTj5trYOSEYcMSWEFYX3KtCX+pYalI4oqmhjNsg
MwBR8HKHk18d4QDbuYqoESRk/3fvyauFPLYT/jrB+TZ/vv2T3sSa+Zd2LsKgLai8
vLHofnHu20A55KR+5IM6KwZMdH6zmqmM8nDmUXJMyQKCAQA0+228T7/yoGj1xORw
44KfPtBHS+QtbDVE3TqYjYL9GNaf6bSXHJi3623yZhXQ096wyOiOaJnfNPa26E1o
4xDEpNHMU1SweMahxdU1UAVfBpyh+RSgekDOHuLiGsiEc96Xo6n50o1oZN8vah34
Wf1Uot7NwMbeVzZ+r7DT2CPy4tBxW86/owIehYYGlmx0e71IS5JYBpuO/OqIsT5j
IdugqQ56YXXkY0Zvpzj7K0sMHBwbpmwLhNNpxMHnLpQ6nGbEyVMLuRgP+b5pJs3t
oC0DZ1tHx+oMITva96ycPIqxLUOhvhFmzNjriEv2a2I2SUJ81cz06i7d0xO/209t
zRn7AoIBAQCYhMDd/0natrEVbfevtrBJ6JdhmNj51QXv4hKbG56UZQsuMasc3SS5
wMISd5iXTONEOC1/QjjJHVghPhn0Q+1mlQgncLSeoXmod/mHAqx5DptsVq5UoCLq
upDxa83IQSNGr0qa1kVFWaY8SbgIgJYKSGD7FhMgBmh7ARpEe08HnBSyz8gn7nR
j8byfQ1wybn80BfmuMDJma4f5wV+iJiYc/WrD0DRndHjobJTAAuBzBzcAtPXpC2
HqbzhsQZJvGLKiEMpW87Anw/cvj1aOSh0mi7OJDB9MUo+IAQjwYXTkBlMoeucsTz
ZqsYessyMmeiW8XKP9wYGGYhpQi5zwHRAoH/ZthK5OsUUupaLakIIoafSWlTDvmE
ywVMZY0pxAlFFN3vBt7qj2KWuvBk20Tezcxykiz2xJ90tvtWK6LzISa61MVUyuqa
duy1EudqvWMrYjGKLyprMROMDDft94IHPHY98mwSvxtORKRLJffCAa9ZSHeEI/
fbtVIKOMsPT07/Zl0mm++Fse/uCOyq3EpOOQ6qO/mexHchZCzyzJY0IVES3+vOoA
55U/H3yK2YK1a0F2+iF8NCAv9kNNObJed69T2RB9ciVtvDxnDSMWTJY12IJcpSI3
RnMSg6UmbWao4h6atvIXL7vAIEUsKyq5Mm3izA9S4ldRnK5buzkwa7ow
-----END RSA PRIVATE KEY-----',
```

'Test 4' =>

```
'-----BEGIN RSA PRIVATE KEY-----
MIIEJgIBAAKCAgEAupZvgbA8otQag/tB9aPlb5kWTMe/CyZxEql0/j3noJgitUM0
cQ49qCxCxN58J+PzX1WoID3pn9pupmu7SS0mbYga1VsaxFUDYO4JY9BF8ldg9q3
yndtKoR/y4eDD3eC4q6Dh113KsdZrCbADjdsT/b545RDJ+/FHiFk+APPoTaXtUtk
p24KBS6tiDnO/ZvGkFvB2UsMuSAjq+6zHbpfX3NA7tms2DX3ZTNBmIFWLL8fsiEf
5H8r6usUN+QE6FJua41xWqT1ZthPzX3RYjZZKgG0Wq15xSmk/POHCoD/oB3wznIR
nhYgeQegCN7nQjuPgh+GTUkuXPSHKTTRvSS1EWitizUIfp9aYx2gqYHH2uLuiwe
```

```
kB79kgftwRhb4gI2d567vvhNRK+mBuZUBl4Pcvabkw72UJryrirc94FT/ACHV/f9
JdnG6EzDo2W62trylyTTRQ9988OZbt9JRrah4glr+E53td2+9lB4TCUCqnxEyLwu
oUbWOkVlP+vs0Thrcomapw2YZiH0Kg83GyVJ/9I35E/dlJHEX+2E/dRUuyHnGF4U
sj0xkQ9ww7Y8kN/j8x4PG8P6aP8bzzu8lNXNsJUVERay9KJT7kOd8ePKBijX+LS5
EXJHjU/ZQ6ZX7X3LWXHXD+3wSSV8qWwtw05bK2/3RTuNRalcwCYQL35SepcCAWEA
AQKCAgBi+aG0nZPMm85k7EcU0hfGluIpYFuKwp2AVLtmkdFobEsc88VBolG5eSPO
HEq2xS02x6HICiFUBIpfFHxiY+ruCPgX8aZfVQ5/eelyXL+JLh9k/NCocEE+sGhTg
FcYD0lVvgTrrVfq7rc/3baa649Nkp5Hukpr8+EcLsJMqrHra/WaEGLYPymMuVJBg
jqmqBZPSx5mQdisNmGrTrQ7+WfqshgqPqIIohpfw6rtOqDhaDBf4GXiddwgi2SIk
c6PWyMMh8imK963lHCFY08DZ5BJwIe9VmEirtfTM6Tfc9QikGr2+BOWre3lGOjE+
Al+Q1p9NWwOWw5cAYBONFCodvW6BYbMaoehMDw/gh7NSG1lPYVh4CE85SK3bpcSJ
z1E0Y2UEuEQtlUuHwi5Lvw4XV5jkybLLVx31pKCcai8kkpQwoLxum2NLCT/+Ubw+
YpmESwDz1KQkb8EYzB5MpXdmxFT5NGqLN+3qaOhsjtT5PVlWkQrb2WHnmil/5QUw
/ai45mZ6UBM6TdZNDg7UbF2tnrZEGXx89NOXrRn+Gh93PXGU3A4MLfOhIAK0ov9l
SmpVxtIZCjQAIxkHkO4M2OgdtlHzku3VATel7m3knQ+bW3usUUTtMYnQJ47TtWK4
Cke0EFibHpeMMqgopwVsIBJc+WIHR9Fbd1GJJV3XcaxAGMx/wQKCAQEA2x1KXTd7
szaVR5Vpgoh7kYyIJTkaa6ZuW448Vrv8zsqPZz1JJWoti5CH5DRD9DmcqaSI3MI8
VbVaPQoTMDGWRw4I+n126Fr8QOJmHSEj6e9NdQBjN73vhJfquH4AYII2Nh18dejq
jTsYtZ+2W/awtdjjyZ13fWRDsLOXQHYsQtg2Ghzb1OBqyueHG+1dlrsDR3lXe9nJ
VRPqX5x+GyIWgAK1l+DRD+vILadyKIixiBehlMLsRJYx3LNxG8HXxMg+dq1dNL+
UTDitG5pBXyzR4kt/Q16MEeiajDTiJWwoSqiG2nxFAHRbFfuJp0nNbVgyumhNd59
dl10wfZlGasKLWKAQEA2gnJlLX9XCkb7Sr15WPCaqTQF/xz9p+oMpJ660/Oqa0P
+Pt5tnmEid/X0cYPmsJzz5q3w8sufxqA4yoAbzuHalxv89pNBuJPTLFuisXbAM0O
NGRPF3W5oC/lpab7lW70bHLsWUVnFdGADxEy04sMw5cCbGEkobOEPPY4gp3N+TPp
eCPZDtQAnCdGlUQMtyuroPqmvVRwp88w3m2/Kgw+vnFb/9lWenxU/Y/+239/qYJi
tOU/7yNYnHX58bLF7YjcixJ7TyeTTQoui7VR0n9XUixPfGIWfY7ly05/v/k24ccs
TYrBeaIRdXfjzEkVxhUKhUuXauKoV96bA3VqGDZEGQKCAQEAkBOQ9JNpU96oWVO
ygkogVFR4nChWEzk+44wfbUHjZFE9lYl+NW297Vmt5nrKfqM3D4XxlxwswgMfGFY
tvOU6EsBen/xJxXx5lU7Y2J8tISqggtbXxHPJXmlyAd0BgL6lWfUjFfLlO5M1Hsf
t6AUAaeMO/QyNKIvpU6kY0LIB+8YvNlHctjVQXM5tRATY1a9lE2mSwqvzCPTA+zs
PLmQ5ENj2Wl9Ngg2TldzydYCMQWhOytnpb7DMWg6G0XAUOGKYMqBub5agVfNbWvB
4lrbpmo+dM9d8y7sGtFX+dYDNPkR2rGoDwDdNHqTzxowXfyG93BJqSWCYRQSDY
cSW5/wKAQBt1Fmex5HUjjoeyBYlTmbDevxJPNmas2nxiEGbmeRteg5aPtheQft8
ywXBs9bsOzks6uEeeFI4rYhB0TS5kLpRO5oQujBEJWE4rEFFOy9S7QY5PxjqfGoU
Hla/i6XqO+/gg5A+A2HQEE6b3JEepqkRzE8yPWhIhS6koj64etVorXlOpOAhw4M4
iCGr466YasLL85WJ15456IFyBeEr2emGcTBfAMmv9f74QRZOCig2NdyekkgzO/Qm
tXaWaZeR7r5e+4x0s3kAdBn5vo7n0e9RuZgWy+CSCZaZxmV4++sOhfeTGXervZXZ
BXcibLe6pXyWJkrkFgMcpowUmGFjTfqBAoIBAQCgNfXwimCEA3CZnLrR60himmMc
JKzogQNC5ivJf8ISMK39BXv4easIB13rfyTorKQmalQ9isB4ftwvC+qmnQYI1F7E
k9UcbHEaQidWh9u/Rf13sMB9ZaXcelhuB03M9ZqrnQL3uLh8iPEODloqaFK8cFqd
kB40ZR+bNW7iSmwaWoQk4rBR2EGWjegqtAbddPMq9PQ8koENrbTqsbsWWGdNDHgo
rcuivji+Yby9kdzvJPPLpZGQrhJqJQnBm81P/PQrn9QXdg+hdiznuFKhBS8ZRaRz
3ZjQ8rKP/e4oxlhv/pYARKqSLbB/mY7x0abTi5yzhiPCXDG24eY0RRBGPHks
-----END RSA PRIVATE KEY-----'
```

```
];
```

```
/**
 * Required parameters to execute this script
 * @var array
 */
private $requiredInputFields = [
    'name' => 'NAME_OF_THE_SYSTEM',
    'level' => 'LEVEL_NRO',
    'type' => 'TYPE_NRO',
    'message' => 'MESSAGE'
];
```

```

/**
 * @var string ('TEST 1', 'TEST 2', 'TEST 3' or 'TEST 4')
 *
 */
private $name;

/**
 * @var integer (1-3)
 */
private $level;

/**
 * @var integer (1-3)
 */
private $type;

/**
 * @var string
 */
private $message;

/**
 * Read and validate input params
 *
 * @param $params
 */
public function readAndValidateInput($params)
{
    $errors = false;
    foreach (array_keys($this->requiredInputFileds) as $field) {
        $index = array_search($field, $params );
        if ($index) {
            $value = $params[$index + 1];
            $this->$field = $value;
        } else {
            echo ("Field '$field' is missing.\n");
            $errors = true;
        }
    }

    if ($errors) {
        $usage = 'php demoScripts/sendMessage.php ';
        array_walk(
            $this->requiredInputFileds,
            function ($field, $key) use (&$usage) {
                $usage .= $key . ' ' . $field . ' ';
            }
        );
        die ("\n===== \nUSAGE : $usage\n=====
\n\n");
    }

}

/**
 * Send request

```

```

*
*/
public function send() {

    //
    // Define values
    //
    $privateKey = $this->privateKeys[$this->name];
    $apiKey= $this->apiKeys[$this->name];
    $xSignature = $this->createXSignature($this->message, $privateKey);

    $queryParams = ['xSignature' => $xSignature];
    $url = $this->apiBaseUrl . '?' . http_build_query( $queryParams );

    $postFields = [
        'logData' => [
            'level' => $this->level,
            'type' => $this->type,
            'message' => $this->message
        ]
    ];

    ];
    $postFieldsStr = json_encode($postFields);

    //
    // Set header
    //
    $header = [];
    $header[] = "Authorization: Bearer " . $apiKey;
    $header[] = 'Content-Type: application/json';
    $header[] = 'Content-Length: ' . strlen($postFieldsStr);

    //
    // Ser curl options
    //
    $curl_options = [];
    $curl_options[CURLOPT_URL] = $url;
    $curl_options[CURLOPT_RETURNTRANSFER] = true;
    $curl_options[CURLOPT_SSL_VERIFYPEER] = false;
    $curl_options[CURLOPT_SSL_VERIFYHOST]= false;
    $curl_options[CURLOPT_CUSTOMREQUEST] = 'POST';
    $curl_options[CURLOPT_POSTFIELDS] = $postFieldsStr;
    $curl_options[CURLOPT_HTTPHEADER] = $header;

    //
    // Send and render results
    //
    $connection = curl_init();
    curl_setopt_array($connection, $curl_options);
    $response = curl_exec($connection);
    $info = curl_getinfo($connection);
    echo ("\n Response code " . $info['http_code'] . "\n");
    if ($info['http_code'] == 201 ) {
        echo ("\n Success \n Inserted log id: $response . \n");
    } else {
        var_dump($response);
    }
}

/**

```

```

    * Create X-signature
    *
    * Copy of function 'createXSignature'
    * in /src/AppBundle/Manager/Manager/Entity/ClientSystems.php
    *
    * @param $message
    * @param $privateKey
    * @return string
    */
    private function createXSignature($message, $privateKey){
        $xSignature = "";
        openssl_sign($message, $xSignature, $privateKey, "SHA256");
        return base64_encode($xSignature);
    }
}

$sendMessage= new sendMessage();
$sendMessage->readAndValidateInput($argv);
$sendMessage->send();

```