

```
Jose\Object\JWS Object
```

```
(
    [is_payload_detached:Jose\Object\JWS:private] => 1
    [encoded_payload:Jose\Object\JWS:private] =>
    [signatures:Jose\Object\JWS:private] => Array
        (
        )

    [payload:Jose\Object\JWS:private] => A JWS with a detached payload
)
```

```
=====
Working with Metadata Statements.
```

```
Using examples from: https://openid.andreas.labs.uninett.no
```

```
>>>
```

```
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZmVpZGUubm8vIn0.eyJjbGllbnRfbmFtZSI6IkZvb2RsZSBwb2xscyBhbmQgc3VydmV5cyIsImNvbnRhY
```

```
<<<
/home/constantin/public_html/oidcfed/github/oidcfed_lib_php_rp/examples/jose_jwt_jws_1.php:96:
```

```
array (size=3)
  0 => string 'eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZmVpZGUubm8vIn0' (length=71)
  1 => string 'eyJjbGllbnRfbmFtZSI6IkZvb2RsZSBwb2xscyBhbmQgc3VydmV5cyIsImNvbnRhY3RzIjpbImFuZHZJLYXMuc29sYmV5Z0B1bmLuZXR0Lm5vIiwia29udGFrdEB'
  2 => string 'wjM0fZxf0kM88E7Rk1cU74pxZYqvzpimZijVIC_710G2TUykD9TV8Zcz1B17v9xuANxwSLW29fHk2LK508eDBizwFX4dUJwulnkCJHUcY8hWLPxIJJa_o2LXBDX'
=====
```

```
MS Header:
```

```
stdClass Object
```

```
(
    [alg] => RS256
    [typ] => JWT
    [kid] => https://feide.no/
)
```

```
RS256=====
```

```
MS Payload:
```

```
stdClass Object
```

```
(
    [client_name] => Foodle polls and surveys
    [contacts] => Array
        (
            [0] => andreas.solberg@uninett.no
            [1] => kontakt@uninett.no
        )

    [redirect_uris] => Array
        (
            [0] => https://foodl.org/callback
            [1] => https://www.foodl.org/callback
        )

    [response_types] => Array
        (
            [0] => code
        )

    [claims] => Array
        (
            [0] => sub
            [1] => name
            [2] => picture
        )

    [iss] => https://feide.no/
    [signing_keys] => Array
        (
            [0] => stdClass Object
                (
                    [kty] => RSA
                    [kid] => https://foodl.org/
                    [n] => yLwifXilG3JPDx60mj12x8sJsyYoYfKryLtNIT00Gj2wXiQi04uaPiXmvsFymrNgdpKPKMTiMDndaeVY1cJW45TJD03ld1MVHskUvrADHwA6Jq
                    [e] => AQAB
                )
        )

    [metadata_statements] => Array
        (
            [0] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZWR1Z2Fpbi5vcmcvIn0.eyJjbGFpbXMiOlsic3ViIiwibmFtZSI6ImVtYWlsIi
            [1] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8va2FsbWV5Lm9yZy8ifQ.eyJjbGFpbXMiOlsic3ViIiwibmFtZSI6ImVtYWlsIiwia29udGFrdEB'
        )

    [iat] => 1488873238
    [exp] => 1488876838
)
```

```
=====
Payload/Claims...
```

```
/home/constantin/public_html/oidcfed/github/oidcfed_lib_php_rp/examples/jose_jwt_jws_1.php:141:
```

```
array (size=10)
```

=====

Signatures:

```
array (size=1)
  0 =>
    object(Jose\Object\Signature)[10]
      private 'encoded_protected_headers' => string 'eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZmVpZGUubm8vIn0' (length=71)
      private 'protected_headers' =>
        array (size=3)
          'alg' => string 'RS256' (length=5)
          'typ' => string 'JWT' (length=3)
          'kid' => string 'https://feide.no/' (length=17)
      private 'headers' =>
        array (size=0)
          empty
      private 'signature' => string '34<NfW5qe:bT]C5-?SW\PeCq>q)VÜiJçx-uuBpY✓✓✓q'
```

ss_hN|??/?

???.??U?S?-?. .x2?"@U?.?0?n?_m?R?ø?v?GFMofX??Z?^5?v?L?_yCn[?#?w-??QD?C?ö???~???c]??i?' (length=256)

```
Jose\Object\Signature Object
(
  [encoded_protected_headers:Jose\Object\Signature:private] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZmVpZGUubm8vIn0=
  [protected_headers:Jose\Object\Signature:private] => Array
    (
      [alg] => RS256
      [typ] => JWT
      [kid] => https://feide.no/
    )

  [headers:Jose\Object\Signature:private] => Array
    (
      [signature:Jose\Object\Signature:private] => 34]_C<NfWŮqe:bT]5-?SW\Peqq>q)VŮiJx-
      s_hN|/
      TŮU-'.2"0U.Ů0n'_mRøv◀]GFMofXZ^5vL_yCn[#w-QDcö~€c]7i
    )

  [signature_key:Jose\Object\Signature:private] =>
```

=====

```
#####  
@@@ Instance of JWKInterface @@@  
<#####  
  
/home/constantin/public_html/oidcfed/github/oidcfed_lib_php_rp/examples/jose_jwt_jws_1.php:176:  
object(Jose\Object\JWK) [9]  
  private 'values' =>  
    array (size=4)  
      'kty' => string 'RSA' (length=3)  
      'kid' => string 'https://feide.no/' (length=17)  
      'n' => string '51Fc9aXA576q98xAwrT2rlFmBksT-94Jd_0hlByfP4_k8CuLBTM8HClifdweTFdUdSiB44etC6YLqrJEIyBZ_x-GiEr5oMRNls6HwmWnlBxaDAU16znHq' (length=128)  
      'e' => string 'AQAB' (length=4)
```

```

*****
Signature verified, below you can see our MS object...
Jose\Object\JWS Object
(
  [is_payload_detached:Jose\Object\JWS:private] =>
  [encoded_payload:Jose\Object\JWS:private] => eyJjbGllbnRfbmFtZSI6IkZvb2RsZSBwb2xscyBhbmQgc3VydmV5cyIsImNvbhRhY3RzIjpbImFuZlZlYXMuY29s
  [signatures:Jose\Object\JWS:private] => Array
    (
      [0] => Jose\Object\Signature Object
        (
          [encoded_protected_headers:Jose\Object\Signature:private] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8v
          [protected_headers:Jose\Object\Signature:private] => Array
            (
              [alg] => RS256
              [typ] => JWT
              [kid] => https://feide.no/
            )

          [headers:Jose\Object\Signature:private] => Array
            (

            )

          [signature:Jose\Object\Signature:private] => 34}C<NfWqebT]o5-SW\Peq>q)V

s_hN|/

U'."@U.nmRv<]GFMofXZ^5vL_yCn[#w-QDcö~c]7i

          [signature_key:Jose\Object\Signature:private] =>
        )
      )
    )

  [payload:Jose\Object\JWS:private] => Array
    (
      [client_name] => Foodle polls and surveys
      [contacts] => Array
        (
          [0] => andreas.solberg@uninett.no
          [1] => kontakt@uninett.no
        )

      [redirect_uris] => Array
        (
          [0] => https://foodl.org/callback
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      [response_types] => Array
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      [claims] => Array
        (
          [0] => sub
          [1] => name
          [2] => picture
        )

      [iss] => https://feide.no/
      [signing_keys] => Array
        (
          [0] => Array
            (
              [kty] => RSA
              [kid] => https://foodl.org/
              [n] => yIWifXiLG3JPDx60mj12x8sJsYyofKryLTnIT00Gj2wXiQi04uaPiXMsFymrNgdpKPKMTiMDndaeVY1cJW45TJD03ld1MVHskUvr
              [e] => AQAB
            )
          )
        )

      [metadata_statements] => Array
        (

```

```
8/9/2017 81.180.68.10/~constantin/oidcfed/github/oidcfed_lib_php_rp/examples/jose_jwt_jws_1.php
[0] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZWRR1Z2Fpbj5vcmcvIn0.eyJjbGFpbXMiOi0lsic3ViIiwibmFtZSI6Im
[1] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8va2FsbWFyLm9yZy8ifQ.eyJjbGFpbXMiOi0lsic3ViIiwibmFtZSI6ImFtZSI6Im
)
[iat] => 1488873238
[exp] => 1488876838
)
)
*****
```