

```
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 'wjM0fZxf0kM88E7Rk1cU74pxZYqvzpmZijVIC_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] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8vZWR1Z2Fpbj5vcmcvIn0.eyJjbGFpbXMiOlsic3ViIiwibmFtZSI6ImVtYWlsIi
      [1] => eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Imh0dHBzOi8va2FsbWYlM9yZy8ifQ.eyJjbGFpbXMiOlsic3ViIiwibmFtZSI6ImVtYWlsIiwia29udGFrdEB'
    )

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

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

```
/home/constantin/public_html/oidcfed/github/oidcfed_lib_php_rp/examples/jose_jwt_jws_1.php:142:
```

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

=====

Signatures:

```
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_-C<NfWqde:bT]o5-?SW\Peqq>q)VÜjJx-uuBpY✓q'

```

s??\_h?N|?/?

??T??U?2-?''.x2?"@U?n?\_m?R?v?GFMofX??Z??^5?v?L?\_yCn[?#?w-??QD?C?ö??~??[?c]?7i?' (length=256)

```
private 'signature_key' => null
```

(

```
[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<NrwŮqe?:b??T??? )05-?SW\Pe??q>p?)V??ÿij??x-????
```

sssh\_N|4/

22277U0-2'.x2"0U.02nz\_m0R0v<2]GFmofX222Z22^52v2L2\_yCn[22#2w-222QD2C20ö222~222E2c]27i2

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

=====

Creating JWK for public key for kid: 'kid' => string 'https://feide.no/' (in this example)

```
private 'values' =>
  array (size=4)
    'kty' => string 'RSA' (length=3)
    'kid' => string 'https://feide.no/' (length=17)
```

=====

\*\*\*\*\*