

KF6012 - Web Application Integration 2020

# Comments

### Comments

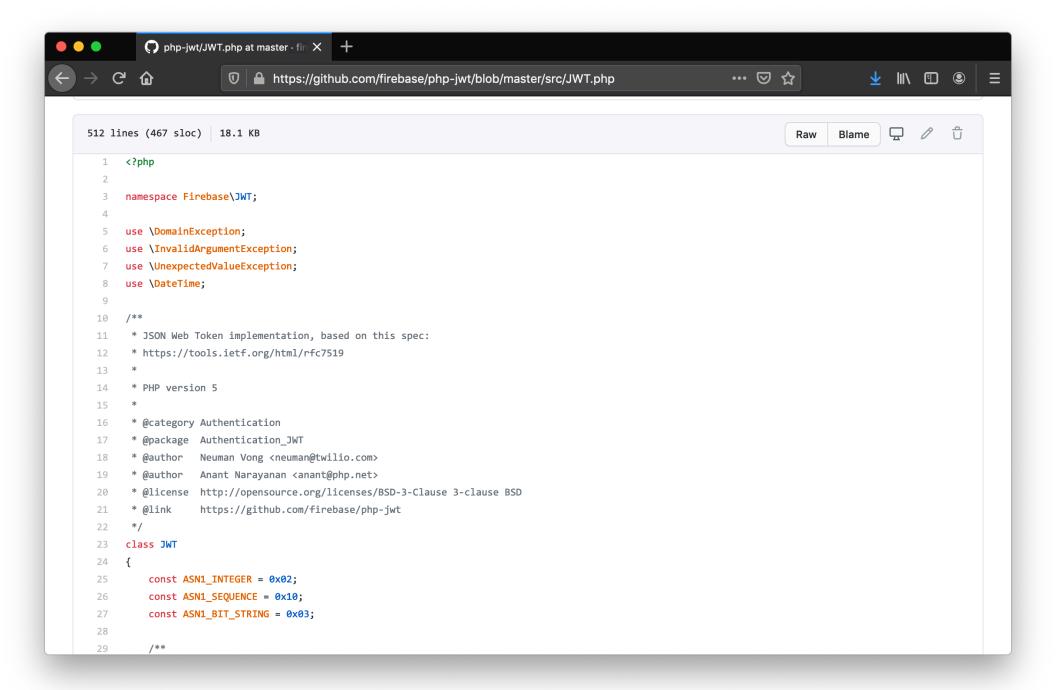
```
// inline comment
# inline comment
      multi
      line
      comment
```

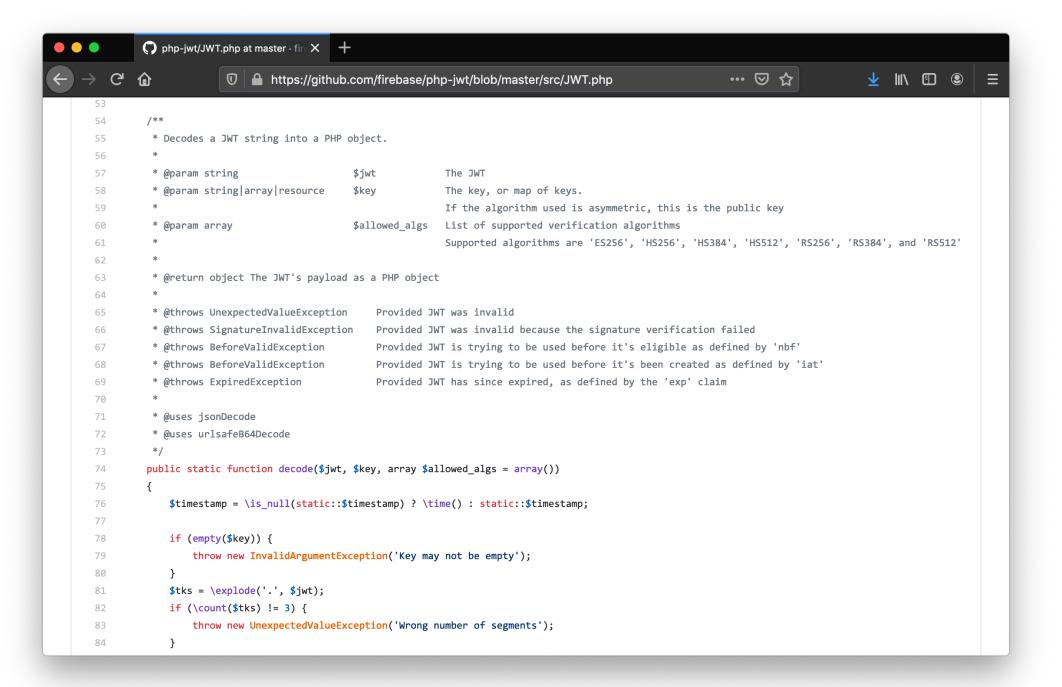
#### "Doc Comments"

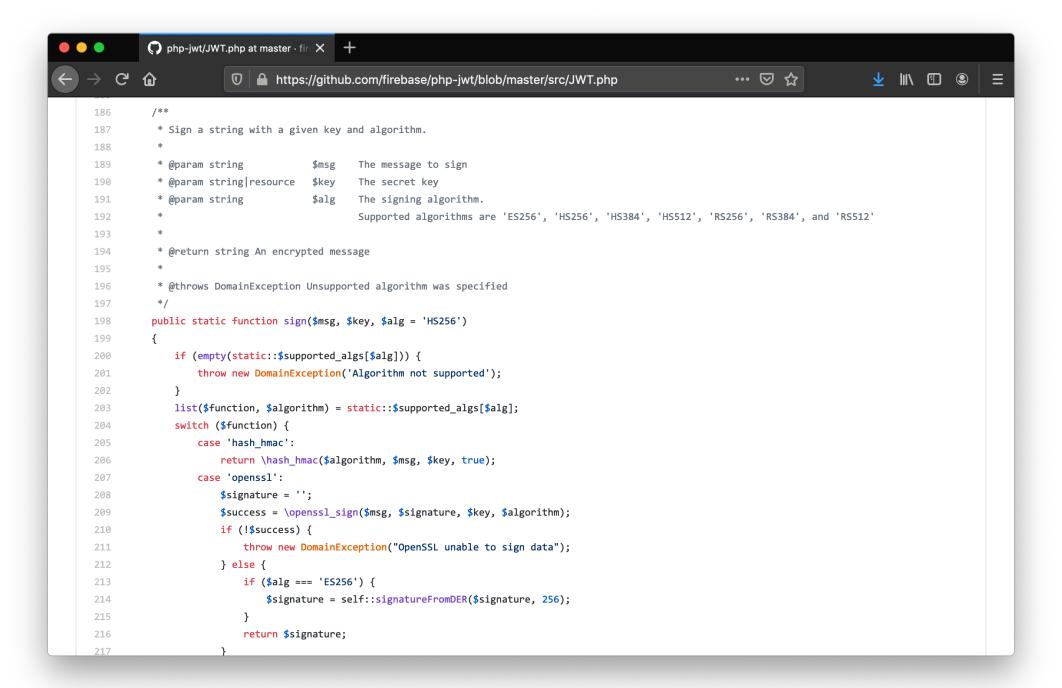
- In professional PHP programming a style called "DocComments" is used
- These are mainly just a convention for writing consistent and helpful comments
  - Comments that are helpful for people using your code
  - Comments that are helpful to people maintaining your code
  - Comments that are helpful to future you
- They can be used by documentation generators
- The are automatically generated by some code editors

#### "Doc Comments"

```
* This is a summary
*
* This is a description
*
* @tag this is a tag
[Class | Property | Method]
```







```
php-jwt/JWT.php at master · fin X +
\rightarrow C \bullet
                                                                                                          ... ☑ ☆
                                                                                                                                 <u>↓</u> |||\ 🗈 💩 | ≡
                        119
 120
              // Check the signature
               if (!static::verify("$headb64.$bodyb64", $sig, $key, $header->alg)) {
 121
 122
                  throw new SignatureInvalidException('Signature verification failed');
              }
 123
 124
 125
               // Check the nbf if it is defined. This is the time that the
               // token can actually be used. If it's not yet that time, abort.
 126
 127
               if (isset($payload->nbf) && $payload->nbf > ($timestamp + static::$leeway)) {
                  throw new BeforeValidException(
 128
                       'Cannot handle token prior to ' . \date(DateTime::ISO8601, $payload->nbf)
 129
 130
                  );
 131
 132
 133
              // Check that this token has been created before 'now'. This prevents
 134
               // using tokens that have been created for later use (and haven't
 135
              // correctly used the nbf claim).
 136
               if (isset($payload->iat) && $payload->iat > ($timestamp + static::$leeway)) {
 137
                  throw new BeforeValidException(
                       'Cannot handle token prior to ' . \date(DateTime::ISO8601, $payload->iat)
 138
                  );
 139
 140
              }
 141
 142
              // Check if this token has expired.
               if (isset($payload->exp) && ($timestamp - static::$leeway) >= $payload->exp) {
 143
                  throw new ExpiredException('Expired token');
 144
              }
 145
 146
 147
               return $payload;
 148
 149
```

#### Comments and "clean code"

- Don't use comments where the code can explain itself
- Don't add redundant comments.
- Don't use closing brace comments.
- Don't comment out code.
- Do use comments as explanation of intent and clarification of code.
- Do use comments as warning of consequences.

## Thanks

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