



Entendendo e Documentando RESTful APIs

JWT - JSON Web Tokens

JWT

JWT

`https://jwt.io/`

JWT

“JSON Web Token (JWT) is an **open standard** (RFC 7519) that defines a **compact and self-contained** way for securely transmitting information between parties as a JSON object.”

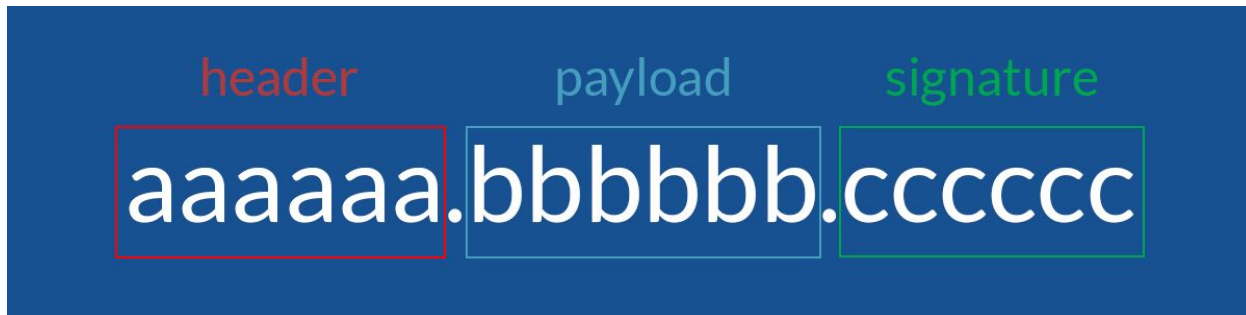
JWT

JWT

<https://jwt.io/introduction/>

JWT

JWT Structure



JWT

JWT Structure

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.  
eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4  
gRG9lIiwiaXNTb2NpYWwiOnRydWV9.  
4pcPyMD09o1PSyXnrXCjTwXyr4BsezDI1AVTmud2fU4
```

JWT

JWT

<https://jwt.io/introduction/>

JWT

Base64

`http://www.motobit.com/util/base64-decoder-encoder.asp`

JWT



Header

```
base64enc({  
  "alg": "HS256",  
  "typ": "JWT"  
})
```

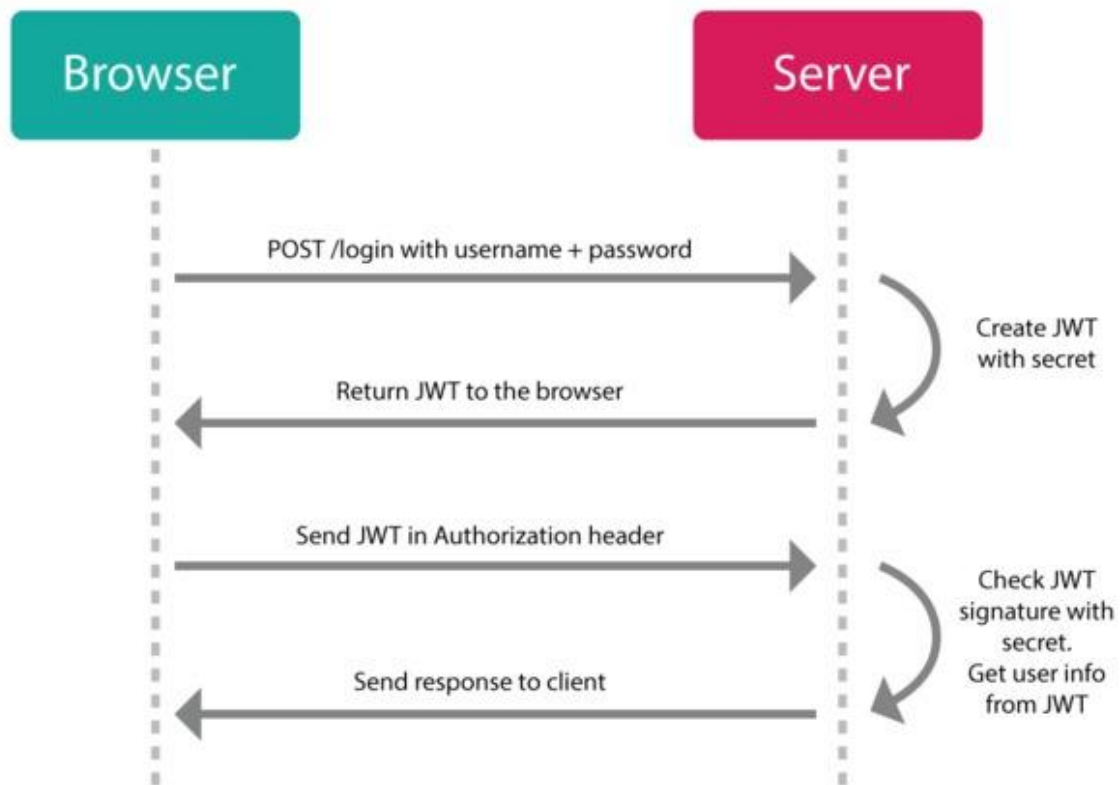
Payload

```
base64enc({  
  "iss": "toptal.com",  
  "exp": 1426420800,  
  "company": "Toptal",  
  "awesome": true  
})
```

Signature

```
HMACSHA256(  
  base64enc(header)  
  + "." +  
  base64enc(payload)  
  , secretKey)
```

JWT



Stateless Authentication

JWT

<https://blog.imaginea.com/stateless-authentication-using-jwt-2/>