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JSON WEB TOKENS

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JSON WEB TOKENS

A simple and commonly used type of token.

- Specification: <u>https://tools.ietf.org/html/rfc7519</u>
- Abbreviated JWT (announced *jot*).
- Is Self-Contained.
 - The data is stored in the token (nothing is stored on the server).
 - The client can read the data, but not change it.
 - The server "signs" the data by hashing it with a secret (the hash is part of the token).
- The data is stored in JSON format.



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Same as

EXAMPLE

Playground: <u>https://jwt.io</u>



CLAIM NAMES

The payload/data in the token consists of claims (key-value pairs).Some *Registered Claim Names*:

- iss Issuer, identifies the one creating the token.
- sub Subject, identifies the user accepting the token to be created.
- aud Audience, identifies the client the token is intended for.
- iat Issued At, timestamp for when the token was created.
- exp Expired, timestamp for when the token expires.
- Public Claim Names:
 - Add to IANA JSON Web Token Registry.
 - Use a URI as name (your own domain).
- Private Claim Names:
 - Use any name you want (can collide with names others use).

