

[App Store Server API](#) / JWSRenewalInfo

Type

# JWSRenewalInfo

Subscription renewal information, signed by the App Store, in JSON Web Signature (JWS) format.

App Store Server API 1.0+

```
string JWSRenewalInfo
```

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## Discussion

The `JWSRenewalInfo` type is a string of three Base64 URL-encoded components, separated by a period, containing subscription renewal information signed by the App Store. The App Store signs the string according to the JSON Web Signature (JWS) [IETF RFC 7515](#) specification.

The three components in the string are a header, a payload, and a signature.

- To read the subscription renewal information, decode the payload. Use a [JWSRenewalInfoDecodedPayload](#) object to read the payload information.
- To read the header, decode it and use a [JWSDecodedHeader](#) object to access the information. Use the information in the header to verify the signature.

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## See Also

### JWS headers and payloads

`object` [JWSDecodedHeader](#)

A decoded JSON Web Signature (JWS) header containing transaction or renewal information.

`type JWSTransaction`

App transaction information signed by the App Store, in JSON Web Signature (JWS) Compact Serialization format.

`object JWSTransactionDecodedPayload`

A decoded payload that contains app transaction information.

`type JWSTransaction`

Transaction information signed by the App Store, in JSON Web Signature (JWS) Compact Serialization format.

`object JWSTransactionDecodedPayload`

A decoded payload that contains transaction information.

`object JWSRenewalInfoDecodedPayload`

A decoded payload containing subscription renewal information for an auto-renewable subscription.

 Data types

Refer to these data types for decoded transaction and renewal information payloads.