

[App Store Server API](#) / JWSTransactionDecodedPayload

Object

JWSTransactionDecodedPayload

A decoded payload that contains transaction information.

App Store Server API 1.0+

object JWSTransactionDecodedPayload

Properties

appAccountToken
[appAccountToken](#)

A UUID you create at the time of purchase that associates the transaction with a customer on your own service. If your app doesn't provide an appAccountToken, this field is omitted. For more information, see [appAccountToken\(: \)](#).

appTransactionId
[appTransactionId](#)

The unique identifier of the app download transaction.

bundleId
[bundleId](#)

The bundle identifier of the app.

currency
[currency](#)

The three-letter ISO 4217 currency code associated with the price parameter. This value is present only if price is present.

environment
[environment](#)

The server environment, either sandbox or production.

expiresDate
[expiresDate](#)

The UNIX time, in milliseconds, that the subscription expires or renews.

inAppOwnershipType
[inAppOwnershipType](#)

A string that describes whether the transaction was purchased by the customer, or is available to them through Family Sharing.

isUpgraded isUpgraded	A Boolean value that indicates whether the customer upgraded to another subscription.
offerDiscountType offerDiscountType	The payment mode you configure for the offer.
offerIdentifier offerIdentifier	The identifier that contains the offer code or the promotional offer identifier.
offerPeriod offerPeriod	The duration of the offer applied to the transaction.
offerType offerType	A value that represents the promotional offer type.
originalPurchaseDate originalPurchaseDate	The UNIX time, in milliseconds, that represents the purchase date of the original transaction identifier.
originalTransactionId originalTransactionId	The transaction identifier of the original purchase.
price price	An integer value that represents the price multiplied by 1000 of the in-app purchase or subscription offer you configured in App Store Connect and that the system records at the time of the purchase. For more information, see price . The currency parameter indicates the currency of this price.
productId productId	The unique identifier of the product.
purchaseDate purchaseDate	The UNIX time, in milliseconds, that the App Store charged the customer's account for a purchase, restored product, subscription, or subscription renewal after a lapse.
quantity quantity	The number of consumable products the customer purchased.
revocationDate revocationDate	The UNIX time, in milliseconds, that the App Store refunded the transaction or revoked it from Family Sharing.
revocationReason revocationReason	The reason that the App Store refunded the transaction or revoked it from Family Sharing.

signedDate <code>signedDate</code>	The UNIX time, in milliseconds, that the App Store signed the JSON Web Signature (JWS) data.
storefront <code>storefront</code>	The three-letter code that represents the country or region associated with the App Store storefront for the purchase.
storefrontId <code>storefrontId</code>	An Apple-defined value that uniquely identifies the App Store storefront associated with the purchase.
subscriptionGroupIdentifier <code>subscriptionGroupIdentifier</code>	The identifier of the subscription group to which the subscription belongs.
transactionId <code>transactionId</code>	The unique identifier of the transaction.
transactionReason <code>transactionReason</code>	The reason for the purchase transaction, which indicates whether it's a customer's purchase or a renewal for an auto-renewable subscription that the system initiates.
type <code>type</code>	The type of the in-app purchase.
webOrderLineItemId <code>webOrderLineItemId</code>	The unique identifier of subscription purchase events across devices, including subscription renewals.
advancedCommerceInfo <code>advancedCommerceTransactionInfo</code>	Transaction information that is present only for Advanced Commerce SKUs.

Mentioned in

 App Store Server API changelog

Discussion

Important

Don't use the price or currency values for any revenue reconciliation or recognition. App Store Connect reporting is your source of record for financial and accounting purposes. For more information, see [Overview of reporting tools](#).

See Also

JWS headers and payloads

object JWSDecodedHeader

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

type JWSAppTransaction

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

object JWSAppTransactionDecodedPayload

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.

type JWSRenewalInfo

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

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.