



Hubs API Response Field Definitions

Below is a breakdown of all the data fields in the Hubs API response, as well as a definition of all the fields.

If you're interested in using the Hubs API, you can download our code sample here:

<https://www.sparkcommodities.com/api/code-examples/jupyter.html>

Field Definitions

Core Identifiers

Field Name	Data Type	Description
<code>id</code>	string	Unique ID associated with each post
<code>hubRegion</code>	string	Geographical region of post

Post Information

Field Name	Data Type	Description
<code>interestType</code>	string	Indicating Swap, Outright or Outright Strip post
<code>orderType</code>	string	Indicating whether it's a Bid/Offer (for Outrights) or Requested/Offered (for Swaps)
<code>posterName</code>	string	Poster's organisation name (if shared)
<code>status</code>	string	Live or Expired - reasons for expiry are not provided
<code>connections</code>	integer	Number of counterparty connections for each post

Terminal Details

Field Name	Data Type	Description
<code>terminalCodes</code>	string	Names of terminals the post applies to
<code>terminalsHidden</code>	bool	Whether the poster has chosen to hide the terminal names

Load Date Information

Field Name	Data Type	Description
<code>loadDateHidden</code>	bool	Whether the poster has chosen to hide the specific load dates
<code>loadStartDate</code>	date	Start load date of the slot
<code>loadEndDate</code>	date	End load date of the slot
<code>outrightCargoNum</code>	integer	How many cargos are applicable to the load period of the Outright posted
<code>loadDateFlexible</code>	bool	Whether the poster has indicated they are flexible on loading dates specified

Load Quantity Fields

Field Name	Data Type	Description
<code>loadQuantity</code>	float	Cargo size specified for the post
<code>loadQuantityUnit</code>	string	Units for load quantity
<code>loadQuantityTolerancePercent</code>	float	% tolerance accepted for the load quantity
<code>loadQuantityHidden</code>	bool	Whether the poster has chosen to hide the specific load quantity
<code>loadQuantityFlexible</code>	bool	Whether the poster has indicated they are flexible on the load quantity specified

Swap Payment Indication

Field Name	Data Type	Description
<code>swapPaymentIndicationPreference</code>	string	What payment arrangement the poster has indicated they would prefer
<code>swapPaymentIndicationPreferenceHidden</code>	bool	Whether the poster has chosen to hide their preferred payment indication

Pricing Structure Information

Field Name	Data Type	Description
<code>indicativePriceStructure</code>	string	Type of pricing structure for the Outright post - 'indexed' or 'fixed'
<code>indicativePriceFixedValue</code>	float	Value of fixed pricing structure (if 'fixed' is chosen for structure)
<code>indicativePriceIndex</code>	string	Index chosen for the indexed pricing structure (if 'indexed' is chosen for structure)
<code>indicativePriceIndexPercentage</code>	float	The chosen % applied to the index, as part of the indexed-type payment structure (e.g. 100% TTF)
<code>indicativePriceIndexConstant</code>	float	The additional constant applied, as part of the indexed-type payment structure (e.g. 100% TTF - \$0.200)
<code>indicativePriceHidden</code>	bool	Whether the poster has chosen to hide the indicative price details

Additional Information

Field Name	Data Type	Description
<code>otherInfo</code>	string	Any other info the poster provides regarding their post
<code>otherInfoHidden</code>	bool	Whether the poster has chosen to hide this additional info

Timestamps

Field Name	Data Type	Description
<code>postedAtUtc</code>	datetime	Timestamp of post
<code>validUntilUtc</code>	datetime	Timestamp of expiry date of post
<code>lastUpdatedAtUtc</code>	datetime	Timestamp of latest activity applicable to post
