Spark API

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
Id	string	Unique ID associated with each post
HubRegion	string	Geographical region of post
Incoterm	string	Indicating FOB or DES

Post Information

Field Name	Data Type	Description
InterestType	string	Indicating Swap, Outright or Outright Strip post
OrderType	string	Indicating whether it's a Bid/Offer (for Outrights) or Requested/Offered (for Swaps)
PosterName	string	Poster's organisation name (if shared)
Status	string	Live or Expired - reasons for expiry are not provided
Connections	integer	Number of counterparty connections for each post

Terminal Details

Field Name	Data Type	Description
TerminalCodes	string	Names of terminals the post applies to
TerminalsHidden	bool	Whether the poster has chosen to hide the terminal names

Load Date Information

Field Name	Data Type	Description
LoadDateHidden	bool	Whether the poster has chosen to hide the specific load dates
LoadStartDate	date	Start load date of the slot
LoadEndDate	date	End load date of the slot
OutrightCargoNum	integer	How many cargos are applicable to the load period of the Outright posted
LoadDateFlexible	bool	Whether the poster has indicated they are flexible on loading dates specified

Load Quantity Fields

Field Name	Data Type	Description
LoadQuantity	float	Cargo size specified for the post
LoadQuantityUnit	string	Units for load quantity
LoadQuantityTolerancePercent	float	% tolerance accepted for the load quantity
LoadQuantityHidden	bool	Whether the poster has chosen to hide the specific load quantity
LoadQuantityFlexible	bool	Whether the poster has indicated they are flexible on the load quantity specified

Swap Payment Indication

Field Name	Data Type	Description
SwapPaymentIndicationPreference	string	What payment arrangement the poster has indicated they would prefer
SwapPaymentIndicationPreferenceHidden	bool	Whether the poster has chosen to hide their preferred payment indication

Pricing Structure Information

Field Name	Data Type	Description
IndicativePriceStructure	string	Type of pricing structure for the Outright post - 'indexed' or 'fixed'
IndicativePriceFixedValue	float	Value of fixed pricing structure (if 'fixed' is chosen for structure)
IndicativePriceIndex	string	Index chosen for the indexed pricing structure (if 'indexed' is chosen for structure)
IndicativePriceIndexedMonth	float	Shows the contract of Index, relative to load date (e.g. +1, +2, etc.)
IndicativePriceIndexPercentage	float	The chosen % applied to the index, as part of the indexed-type payment structure (e.g. 100% TTF)
IndicativePriceIndexConstant	float	The additional constant applied, as part of the indexed-type payment structure (e.g. 100% TTF - $0.200)
IndicativePriceHidden	bool	Whether the poster has chosen to hide the indicative price details

Additional Information

Field Name	Data Type	Description
OtherInfo	string	Any other info the poster provides regarding their post
OtherInfoHidden	bool	Whether the poster has chosen to hide this additional info

Timestamps

Field Name	Data Type	Description
PostedAtUtc	datetime	Timestamp of post
ValidUntilUtc	datetime	Timestamp of expiry date of post
LastUpdatedAtUtc	datetime	Timestamp of latest activity applicable to post