



WSFieldInfo



Metadata for a field in a network table. This only contains information about the table structure, not the current values for any particular object.

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data_type

```
#data_type ⇒ String
```

EXCHANGE, UI

Returns the data type of the field as a string. This is the InfoWorks type, not the Ruby type - which are shown below:

WS Type	Ruby Type
Flag	String
Boolean	Boolean
Single	Float
Double	Float
Short	Integer
Long	Integer
Date	DateTime
String	String
Array:Long	Array<Integer>
Array:Double	Array<Float>
WSStructure	WSStructure
GUID	String



Note that Ruby does not have specific types for Single/Double floating point numbers, or Short/Long integers.

Parameters

Name	Type(s)	Description
Return	String	

description

#description ⇒ String

EXCHANGE, UI

Returns the field description, which is the name of the field that appears in the UI.

Parameters

Name	Type(s)	Description
Return	String	

fields

```
#fields ⇒ Array<WSFieldInfo>?
```

EXCHANGE, UI



Returns an array of fields, if the field is a structure blob i.e. it contains rows of structured data.
If the field is not a structure blob, it will return nil.

Parameters

Name	Type(s)	Description
Return	Array<WSFieldInfo>, nil	

has_time_varying_results?

```
#has_time_varying_results? ⇒ Boolean
```

EXCHANGE, UI

Returns if the field has time varying results, will always be false for network fields. See the `WSTableInfo.results_fields` method.

Parameters

Name	Type(s)	Description
Return	Boolean	

name

```
#name ⇒ String
```

EXCHANGE, UI

Returns the database name of the field i.e. the name which is used with Ruby methods.

Parameters

Name	Type(s)	Description
Return	String	

read_only?

```
#read_only? ⇒ Boolean
```

EXCHANGE, UI



Returns if the field is read only.

Parameters

Name	Type(s)	Description
Return	Boolean	

size

```
#size ⇒ Integer
```

EXCHANGE, UI

Returns the maximum length of a string field. Flag fields will always be length 4, any field which is not a string type will be 0.

Parameters

Name	Type(s)	Description
Return	Integer	

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