Definitions Syntax

> Under Construction

Group

Defines a XINA group.

Property	Value
`name`	`string`
`desc`	`string`

Database

Defines a XINA database. The `name` and `fields` values are required, and at least one field must be provided. If `label` is not provided it will be the same as `name`.

Property	Value
`name`	`string`
`label`	`string` (optional)
`format`	`string` (optional)
`path`	`string` (optional)
`desc`	`string` (optional)
`dynamic`	`boolean` (optional, default `false`)
`event`	`boolean` (optional, default `false`)
`file`	`boolean` (optional, default `false`)
`link`	`boolean` (optional, default `false`)
`lock`	`boolean` (optional, default `false`)
`log`	`boolean` (optional, default `false`)
`notify`	`boolean` (optional, default `false`)
`subscribe`	`boolean` (optional, default `false`)
`tag`	`boolean` (optional, default `false`)

Property	Value
track	boolean (optional, default false)
trash	boolean (optional, default false)
wall	boolean (optional, default false)
objects	object (optional)
files	object (optional)
fields	array of fields
blobs	array of blobs (optional)
indexes	array of string values (optional)
databases	array of databases (optional)

Field

Defines a XINA database field. The name and type are required. If label is not provided it will be the same as name.

```
{
 "name"    : <string>,
 "label"   : <string>,  (optional)
 "type"    : <string>,
 "format"  : <string>,  (optional)
 "meas"    : <string>,  (optional)
 "unit"    : <string>,  (optional)
 "desc"    : <string>,  (optional)
 "def"     : <string>,  (optional)
 "ref"     : <string>,  (optional)
 "key"     : <boolean>, (optional, default false)
 "nul"     : <boolean>, (optional, default false)
 "strict"  : <boolean>, (optional, default false)
 "lock"    : <boolean>, (optional, default false)
 "options" : [ <[[#Field Option|field option]]>, ... ] (optional)
}
```

Field Option

A value option for a field. Regardless of the field type the value here should be a string representation of the actual value.

```
{
 "value" : <string>,
 "desc"  : <string>  (optional)
}
```

Blob

Defines a XINA database blob. The `name` is required. If `label` is not provided it will be the same as `name`.

```
{
 "name"    : <string>,
 "label"   : <string>, (optional)
 "desc"    : <string>, (optional)
 "nul"     : <boolean> (optional, default false)
}
```

Index

Defines an index on one or more columns of a database record table.

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