Demo Dataset

JSON Attributes

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# Link: <https://github.com/inventree/demo-dataset>

# What is being done in the code?

The basic structure of a JSON script is based on creating objects, in which the key is also a string. It is very easy to use and we can convert it into a JS object just by parsing. In this particular dataset, we have a lot of objects, which have a lot of key value pairs. We have objects for different models, which could basically be taken as part-names, and pk value could be taken as a serial number under a particular model name. The other keys change according to requirement, but every object certainly has these two attributes. We’ll discuss different model names and the consequent attributes.

1. auth.group

Objects with this model name has pk value, name(the username) and permissions that those particular usernames have got.

1. auth.user

Has a sub-object called fields, which stores information regarding password, last login, first name last name, and a user is called superuser if user is admin. Moreover, we have attributes like emails, boolean key which stores if the user is active or if the user is a staff member.

1. sites

It contains the link to the website and the title name of it

1. build

Has a sub-object called fields, which has a reference integer as serial number, and stores information regarding the parts, title, description, creation date. If some info is not there, it is given null value.

1. builditem

Contains sub object field which has stock\_item, and quantity as attributes.

1. commoninventree\_setting

It denotes the various features of invenTree in the form of key values, where key is feature and value is either number, string or boolean.

1. company

There are various companies that are suppliers, manufacturers, or customers. This object stores the name of the company, description, website, address, phone etc. It also stores whether the company is a manufacturer, supplier, or customer with the help of boolean variables.

1. Manufacturer part

Contains part, manufacturer id or pk value, MPN, link and description. If it is not available, we assign it null value.

1. supplier\_part

Information regarding supplier, SKU, link, description, base\_cost.

1. Purchase\_order , sales\_order

Stores link, description, creation date, creator, notes, supplier, issue date, target date, receiver.

1. Purchaseorderlineitem, salesorderlineitem

Stores partid quantity, notes, reference, part, number of parts received, price currency, price and destination.

1. salesordershipment

Shipment date, tracking number, invoice number, link, and id/name of someone who checked the item

1. category

Contains name, description, parent, location, keywords.

1. Part

It stores a lot of information regarding parts. Like the name, description, category, image, units, creation date, base cost, tree\_id. It also find out if the part has template, variant, has assembly, component, trackable, purchaseable, salable, active, virtual. If there is no information regarding link, ipn, keywords, default location, bomcheckeddate and supplier, it is marked null.

1. partparameter

It has the value of part, template and data.

1. Partbomitem

Stores data regarding part, subpart, quantity, checksum, and finds if it is marked inherited or variants are allowed.

1. Stockitem:

Contains information about stockitems like uid, parent, part, supplier part, location, customer, batch, quantity, updatedon, purchasepricecurrency,. It contains boolean which denote facts about building, whether review is needed, will it delete on deplete. The keys for which information is not available is assigned a null value.

1. stockitemtracking

Trackingtype, item, date, user. It also has a subobject having keys as status, location and quantity, removed and values associated.

1. stockitemstestresult

It contains subobjects which store stockitem, test, result, user, date, attachments(if any) and value.

1. users.ruleset

It contains boolean that control the various permissions granted to different usernames, like view, add, change, delete.

1. Pluginconfig

Has a key, name pair and shows if plugin is active.