

# Virtual Products 3/6/2024

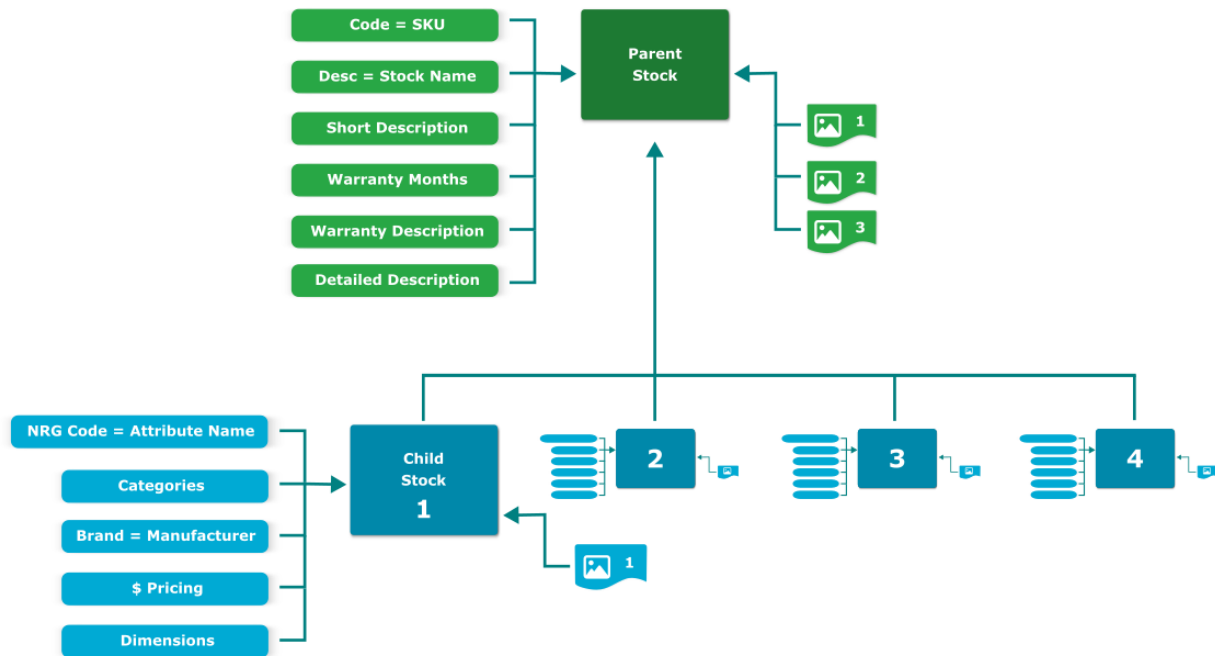
This guide will show you how to set up a Parent child product in Jim2 so that it shows up in Jim2 Commerce (J2C) as a product with attributes. This document will run through the setup of an example product called WebRock which has 4 coloured attributes.

## Concept

A Parent stock item in Jim2 is setup to represent the product in J2C. To add attributes to this product we setup linked stock items in Jim2 via a Parent stock code.

Figure 1 below shows the Parent product in green along with all the data that is associated with it when synced to J2C. The Child product attributes are represented in blue showing all the data that is associated.

**Figure 1:** Parent Child stock structure



## Step 1: Parent Product

The parent product becomes the reference point on the website for the title and description. It also contains the link to the initial product image to be shown on the site.

In Jim2 go to your Stock area and select the Create Stock button.

Then start placing in the details for your parent product such as the code and description. This product needs to be set as a **Virtual Product**. It is created as a virtual stock to ensure users do not attempt to use it on POs & Jobs.

Make sure you do the following (As seen in figure 2 below) on the Stock screen:

## Stock (figure 2)

- Webcode = SKU
- Desc = Product Name
- Allocate the Type to “**Virtual**”
- Pricing
- **Store Non Report group** (NRG) allocated for your store. The “Store:Jim2 Demo” is shown in the example. This is to be performed for both the Parent and Child products.
- Groups
  - Report Groups defining Categories
  - Non Report Groups defining Categories
  - Brand

**Figure 2:** Virtual Product Setup - Stock

Editing Stock WEBROCK

Stock Details Locations Descriptions Contracts

Stock Code: WEBROCK Type: Virtual GL Group: Office Products Active: ☒

Desc: Our Web Rocks have 4 different colours. Please select the one you like.

Measure Unit	Quantity	Unit Description	Barcode
1 UNIT	1.0000		1007465000000
2			
3			

This stock I

☐ Buy in UNIT G 10 %

☐ Sell in UNIT G 10 %

☐ Service

Manufacturing

☒ no

☐ single level

☐ multilevel (fixed)

Qty by Locations

Company	Branch	Location	Qty On Hand	Committed	Available	BackOrder	Packaged	On PO
<No data to display>								

Serial#

☒ not required

☐ on purchase

☐ on sell

Attributes

☒ not required

☐ on purchase

☐ on sell

Groups: Custom Design, Store:Jim2 Demo Test Store, Aurora

Last Cost: 0.0000 Last COG: 0.0000 Max COG: 0.0000 Last PO COGS: 0.0000

Avg. Cost: 0.0000 Avg. COG: 0.0000 Avg PO COGS: 0.0000

List Inc.: 0.00 List Effective: Price Template:

Prices for UNIT

Price Level	Price Calc Method	Base PL	Currency	Tax	Pont %	Price Ex.	Price Inc.	>= Qty	Pont %	Price Ex.	Price Inc.	>= Qty	Pont %	Price Ex.	Price Inc.	>= Qty	Pont %	Price Ex.	Price Inc.	>= Qty
1-Retail	Avg COGS + Margin		AUD	G																

## Details (figure 3)

- Warranty value in months
- Publish to J2C - “Publish Price to” = “Web” or “Price list & Web”
- **Note** the Parent Stock value should be left blank

**Figure 3:** Virtual Product Setup – Details

Stock Details Locations Descriptions Contracts

Warranty: 3 (in months)

Publish Price to: Price List & Web

Disc. is % of Price: ☐ Round price up to nearest 25 cents

Labour Content: 0.00

Hide on Invoice: ☐ Allow Price Override: ☐

Floor Cost Markup: 0.00

Manuf. Part#:

GTI/UPC Number:

Superseded By:

Alternate Stock:

Parent Stock:

Decimal places

Qty: 0

Buy price: 2

Sell price: 2

Dimensions

Weight (kg): 0.200

Length (m): 0.005

Width (m): 0.003

Height (m): 0.002

Volume (m³): 0.000

Cubic weight (kg): 0.200

Dangerous goods: ☐

## Descriptions (figure 4)

- Short Desc
- Detailed Description (can be styled using HTML)
- Warranty text

**Figure 4:** Virtual Product Setup - Descriptions

The screenshot shows a web application interface for product descriptions. At the top, there are tabs: 'Stock', 'Details', 'Locations', 'Descriptions' (which is active), and 'Contracts'. Below the tabs, there are three main sections: 'Short Desc.' with a text input field containing 'This is an amazing rock ready to populate your desk in the office'; 'Detailed Desc.' with a text area containing 'This rock will give you joy along with the following:' followed by a bulleted list: 'A talking point when people pass you by in the office', 'A friend when no one else is around', 'Inspiration as you gaze into the coloured crystals', and 'A magical sense of being!'; and 'Warranty' with a text area containing 'We warrant your rock to be free of human defects as it is all natural.'

## Product Images – General

The images that you would like to be seen when customers arrive at the product page are to be allocated to the parent product. These images are not linked to any attribute, if you wish to do this then it is allocated to the Child Product as described in the [Attribute Images](#) section below. The images are allocated in the Jim2 Documents system

Here is the process of how to add an image in so it shows up on your J2C website:

- In the Documents section for your product select
  - Edit
  - Add New
- Select your image file from the Explorer view that appears.
- Allocate these settings (as shown in Figure 5 below):
  - Tags = **Portal Parent Image**
  - Hidden = Unchecked
  - Usage = Image
- Select Ok to add to your image list

**Figure 5:** Adding new parent product image

The screenshot shows a 'New Documents' dialog box. On the left, there's a 'Documents' list with columns 'Doc Code' and 'Document'. It shows a tree structure under 'Stock - 7465' with items: '6838 WEBROCK.webp', '6839 WEBROCK2.webp', and '6840 WEBROCK3.webp'. The main area is titled 'WEBROCK4.webp' and has tabs for 'Properties' and 'Security'. The 'Properties' tab is active, showing fields for 'Doc #' (6842), 'Name' (WEBROCK4.webp), 'Status' (Booked), 'File' (\\tsclient[C:\installs\TestStock Rocks\WEBROCK4.webp]), 'URL', 'Folder' ((Root)), 'Category', 'Tags' (Portal Parent Image), 'Usage' (Image), 'Hidden' (unchecked), 'Email as Link' (unchecked), and 'Desc'. At the bottom, there are checkboxes for 'Link to file only (Do not upload file to database)' (unchecked) and 'Link to Stock "WEBROCK"' (checked). 'OK' and 'Cancel' buttons are at the bottom right. Below the dialog, there are buttons: 'Add New', 'Link Existing', 'Delete', and 'Remove Link'.

Figure X shows an example of 3 images allocated to the parent product in the Jim2 Documents system. **Might not use**

**Figure X:** Allocation of general image

Viewing Stock WEBROCK

Stock

Details

Locations

Descriptions

Contracts

Stock

Code

WEBROCK

Type

Virtual

GL Group

Office Products

Active

☒

Desc

WebRock

Measure

Unit

Quantity

Unit Description

Barcode

1

UNIT

=

1.0000

1007465000000

2

=

3

=

This stock I

Unit

Tax

Manufacturing

☐ Buy in

UNIT

G

10 %

☐ no

☐ Sell in

UNIT

G

10 %

☐ single level

☐ Service

☐ multilevel (fixed)

Qty by Locations

Company

Branch

Location

Qty On Hand

Committed

Available

BackOrder

Packaged

On PO

<No data to display>

Groups

Custom Design, Cat2A:Store 1 Category, Store:Jim2 Demo Test Store, Aurora

Documents

Doc Code

Document

Created Date

Updated Date

Updated By

Size

Category

Status

Usage

Stock - 7465

6838

WEBROCK.webp

03/06/2024 05:34...

04/06/2024 05:0...

PBO

5 KB

Booked

Image

6839

WEBROCK2.webp

04/06/2024 04:53...

04/06/2024 05:0...

PBO

5 KB

Booked

Image

6840

WEBROCK3.webp

04/06/2024 05:12...

04/06/2024 05:2...

PBO

6 KB

Booked

Image

Attachments

Step 2: Product Attributes (Child Products)

Child products are separate stock items in Jim2 that get connected via a Parent link to the virtual stock item we created above. This stock item will sync to J2C and appear in the form of an attribute of the parent product.

A good way to get started is to focus on the first attribute and perfect it. Once this is correct you can create similar (discussed below) to add in the other attributes.

Here is a list of the information that we need at this level:

- Stock Code
- Set to type = **Depleting**
- Set NRG for the store (Same as for the Parent)
- Set NRG to the attribute value (In this example we show C:White for the white colour attribute)
- Report group to define **Category**

- Non Report Group
  - Extra Categories
  - Extra features such as Bulky items etc.... [See list](#)
- 
- Set the product to be published on the Web in the Details tab (Same as Parent)
- Image allocation (Optional) to Documents (only one image will be used in J2C when the attribute is selected)
- Pricing – if a different price is allocated to this product it will show as this price in J2C
- Other details can be added in to the stock item but will not be sent to J2C

**Figure 6: Child Product**

The process above needs to be performed for each child product (Attribute) that needs to be allocated to the product. To perform this task more efficiently the “Create Similar” functionality can be used.

## Create Similar

To streamline your product input the create similar stock functionality in Jim2 can be used. Here are the steps involved to add in these new J2C attributes.

Select an existing stock item that represents the J2C attribute and select the create similar button. An example of this is shown in figure 7 below where the White attribute we created above is being duplicated so we can create a Green attribute. There are a number of steps to take after the create similar process is applied so please use the below list to make sure you cover everything.

**Figure 7: Create Similar**

The screenshot shows the 'Viewing Stock WEBROCKWHITE' window. The 'Details' tab is active. A 'Create Similar' dialog box is open, titled 'Select fields to copy to a new Stock'. The dialog box contains the following fields and checkboxes:

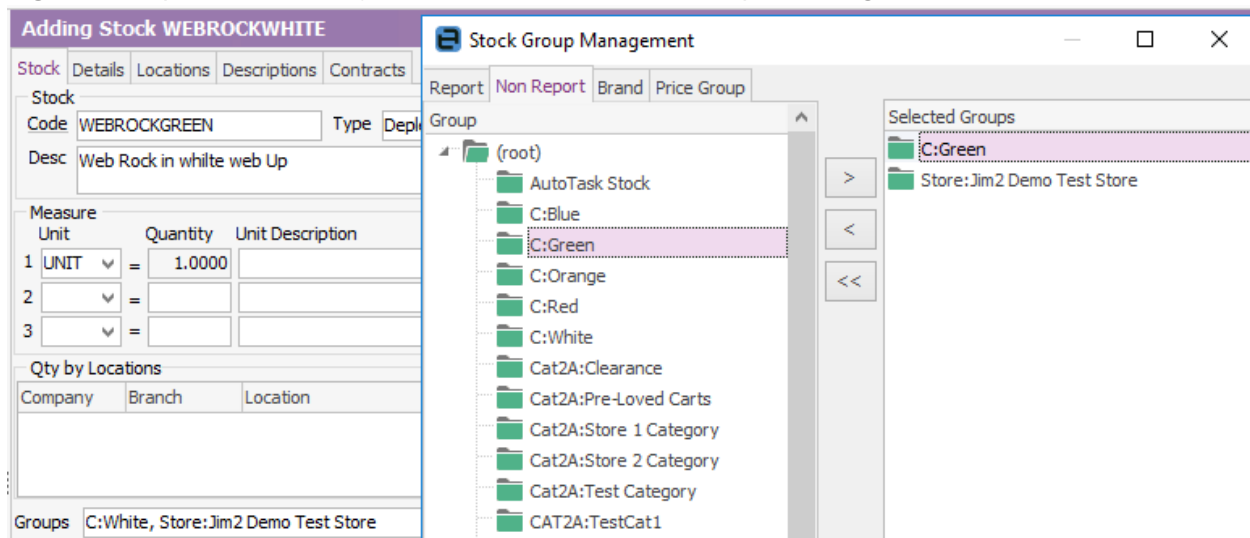
- ☒ Stock Code
- ☒ Serial#
- ☒ Groups
- ☒ Measure
- ☒ Tax Codes
- ☒ Stock Desc.
- ☒ Kitting
- ☒ GL Group
- ☒ This Stock I
- ☒ Attributes
- ☐ Stock Prices
- ☒ Vendors
- ☐ Stock Codes
- ☒ Locations
- ☒ Procurement
- ☐ Documents
- ☐ Notes

The 'Select All' button is highlighted. The 'OK' and 'Cancel' buttons are also visible. The background window shows various stock details like Warranty, Publish Price to, Disc. is % of Price, Labour Content, Hide on Invoice, Stock in Advance, Floor Cost Markup, Manuf. Part#, GTI/UPC Number, Superseded By, Alternate Stock, Parent Stock, Last Cost(), Last COG, Max COG, Avg. Cost, Avg. COG, Avg PO COGS, List Price inc, List Effective, Price Template, and a table with columns: Price Level, Price Calc Method, Base PL, Currency, Tax, Pmt %, Price Ex., Price Inc., >= Qty, Pmt %, Price Ex., Price Inc. The 'Create Similar' button is at the bottom left of the window.

Here are the steps required once you have duplicated your product:

- Rename the new child stockcode to represent the new attribute
  - In this case it will be WEBROCKGREEN
  - Make sure you save at this stage to ensure the name is allocated and everything else links to this stock item correctly
- Remove the old NRG representing the attribute
  - In this case it is C:White being removed and then replaced with C:Green)
  - See figure 8 below

**Figure 8:** Duplicate stock adjustments – Name and NRG representing attribute



- Add in the **Parent Stock Code** in the details section. (currently this does not copy across through Create Similar Process) **Note this change with a new Jim2 update.**
- Add new image that represents the new Attribute
  - Note the “Documents” checkbox was not selected in figure 6 so we do not have to remove the old image
  - In this case it will be a green version of the WebRock

## Attribute Images

An image can be assigned to an Attribute when selected in J2C. Only one image per attribute is needed as only one image will appear during selection. Any other images assigned at this level will be shown as general images (better to allocate these to the Parent product)

Here are the steps to allocating an image to a Child Stock item in Jim2 so it will show up when the attribute is selected:

- View the child stock item (Attribute) you wish to add an image to
- Go to the Documents icon to the right of the bottom feature tabs
- Select
  - Edit
  - Add New
- Select the image you would like to allocate from your file system
- The New Document interface as shown in figure 9 below will appear. Fill out the following:
  - Tags = Portal Image
  - Hidden = untick
  - Usage = Image
  - Link to Stock – check name is correct

**Figure 9:** Child Image settings

The screenshot shows a 'New Documents' dialog box for a file named 'WEBRock-Green.webp'. The 'Properties' tab is active, displaying various fields for document configuration. The 'Doc #' is 6837, 'Name' is WEBRock-Green.webp, and 'Status' is Booked. The 'File' path is \\tsclient\C\Installs\TestStock Rocks\WEBRock-Green.webp. The 'Folder' is (Root), 'Usage' is Image, and 'Category' is Portal Image. There are checkboxes for 'Hidden' and 'Email as Link', both of which are unchecked. A 'Desc' field is present but empty. At the bottom, there are two checkboxes: 'Link to file only (Do not upload file to database)' which is unchecked, and 'Link to Stock "WEBROCKGREEN"' which is checked. 'OK' and 'Cancel' buttons are at the bottom right.

Field	Value
Doc #	6837
Name	WEBRock-Green.webp
Status	Booked
File	\\tsclient\C\Installs\TestStock Rocks\WEBRock-Green.webp
URL	
Folder	(Root)
Usage	Image
Category	Portal Image
Tags	
Hidden	<input type="checkbox"/>
Email as Link	<input type="checkbox"/>
Desc	

☐ Link to file only (Do not upload file to database)

☒ Link to Stock "WEBROCKGREEN"

OK Cancel

## Jim2Commerce

When working with these more complex products it is important to check that the data is coming across correctly on the J2C side.

The first item to check is that the product has come across to J2C:

- Go to the Catalog > Products section and search for your product.
- Select Edit to view it's details. Check that the main details are in place as shown in Figure 9 below.

**Figure 9:** Parent product synced to J2C

The screenshot shows the 'Edit' form for a product named 'WebRock'. The 'Product name' field contains 'WebRock'. The 'Short description' field is empty. The 'Full description' field contains a rich text editor with the following content: 'This rock will give you joy along with the following:' followed by a bulleted list: 'A talking point when people pass you by in the office', 'A friend when no one else is around', 'Inspiration as you gaze into the coloured crystals', and 'A magical sense of being!'. The 'SKU' field contains 'WEBROCK'. The 'Categories' field contains a red wavy line. The 'Manufacturers' field contains a red wavy line. The 'Published' checkbox is checked. The form is powered by TinyMCE.

Product name: WebRock

Short description:

Full description:

This rock will give you joy along with the following:

- A talking point when people pass you by in the office
- A friend when no one else is around
- Inspiration as you gaze into the coloured crystals
- A magical sense of being!

SKU: WEBROCK

Categories: [Red wavy line]

Manufacturers: [Red wavy line]

















Published: ☒

POWERED BY TINY



















The next item to check is that the images have come across. Check to see if the Parent Product image has come across along with all the Child images that have been allocated. **In the below case we do not see the Parent Image?**

**Figure 10:** Images in J2C

Pictures								
Picture	Display order	Alt	Title	Customer roles	Limited to stores	Edit	Delete	Edit ACL
	0							
	1							
	2							
	3							

Then to check that the Child products have come across as product attributes in J2C scroll down to the Product Attributes section and go to the Attribute and select Edit. From there you will see the Attribute values that will correspond to your child products.


**Figure 11:** Child Products showing as product attributes in J2C





Attributes										
Attribute combinations										
Note that some attribute control types that support custom user input (e.g. file upload, textboxes, date picker) are useless with attribute combinations										
Attributes	Stock quantity	Allow out of stock	SKU	Manufacturer part number	GTIN	Overridden price	Notify admin for quantity below	Picture	Edit	Delete
Colour: White	0		WEBROCKWHITE				0			
Colour: Red	0		WEBROCKRED				0			
Colour: Green	0		WEBROCKGREEN				0			
Colour: Blue	0		WEBROCKBLUE				0			

Then to check that the Child product attribute has come across correctly select the Edit button and view the details.

**Figure 13:** Product front-end product screen

[All Products](#) / [WebRock](#)





## WebRock

UNIT

☆☆☆☆☆ | Be the first to review this product

Select an existing stock item that represents the J2C attribute and select the create similar button. An example of this is shown in figure 6 below where the White attribute we created above is being duplicated so we can create a Green attribute. There are a number of steps to take after the create similar process is applied so please use the below list to make sure you cover everything.

SKU: **WEBROCK**

Colour	White	Blue	Red	Green
Quantity	<div>0 + -</div>	<div>0 + -</div>	<div>0 + -</div>	<div>0 + -</div>
Availability	<div></div>	<div></div>	<div></div>	<div></div>

### Description

This rock will give you joy along with the following:

- A talking point when people pass you by in the office
- A friend when no one else is around
- Inspiration as you gaze into the coloured crystals
- A magical sense of being!

Virtual Product Issues – NOT TO BE INCLUDED IN HELP FILE

PDFs on Parent