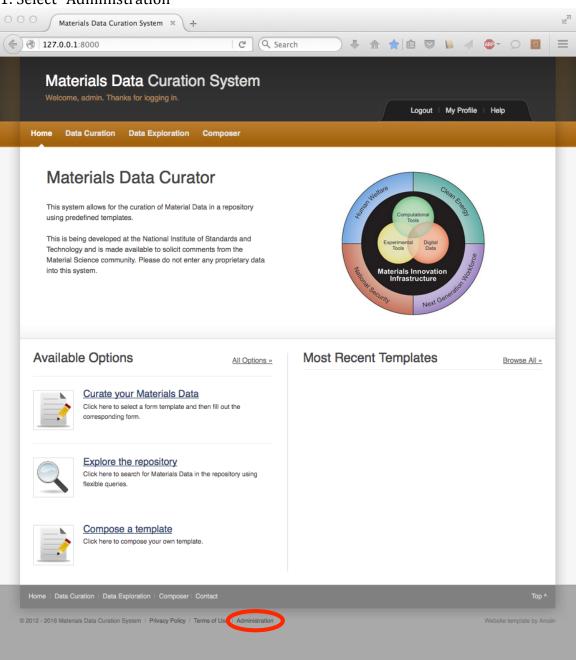
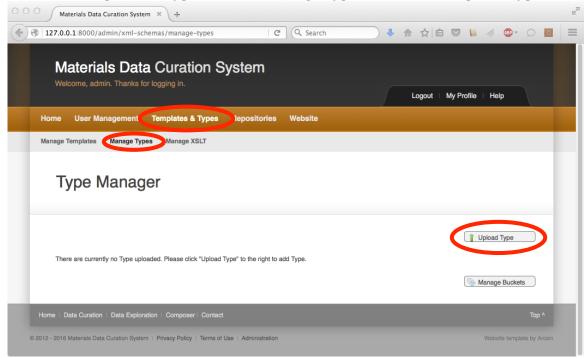
# Composer: Simple TEM Tutorial

### Adding a type

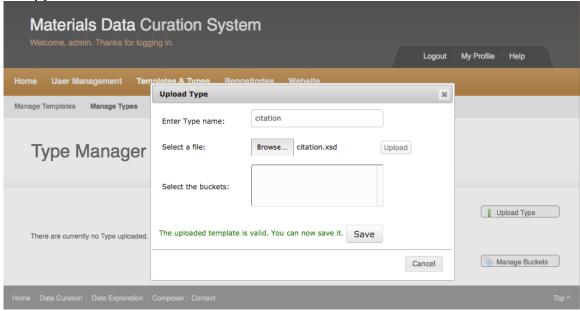
1: Select "Administration"



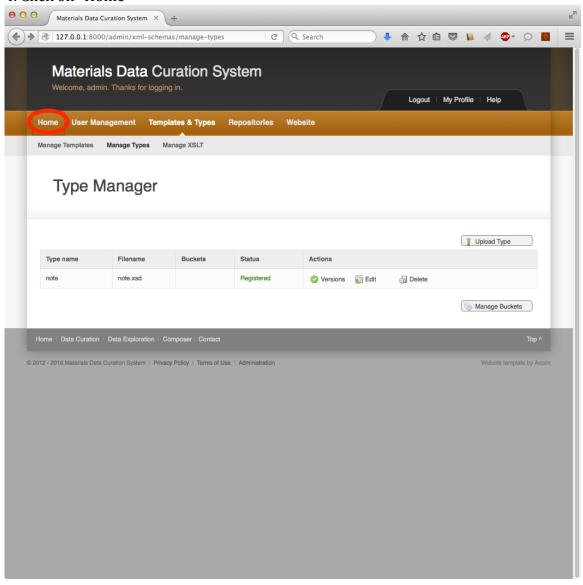
2: Select "Templates & Types", select "Manage Types", and select "Upload Type"



3: Navigate to the TEM Tutorial folder and select "citation.xsd". Enter "citation" as the type name.

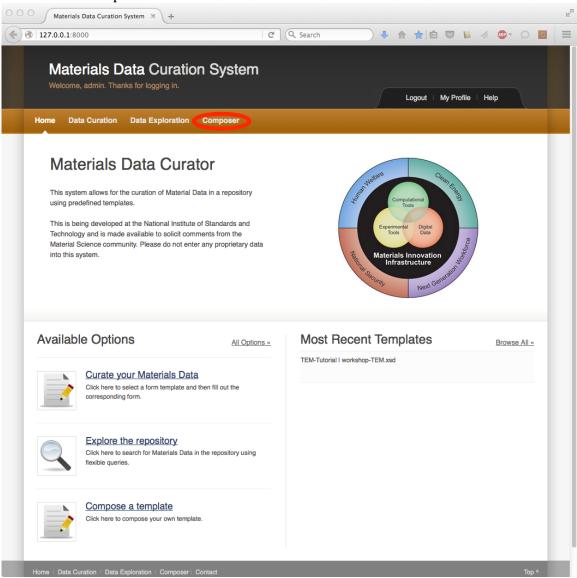


#### 4. Click on "Home"

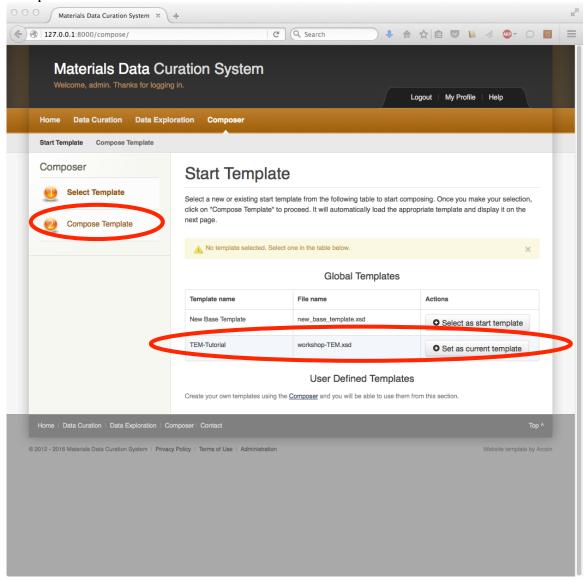


# **Modifying an existing Template**

1: Click on "Composer"



2: Select "TEM-Tutorial" as current template. Proceed to second step: "Compose Template"

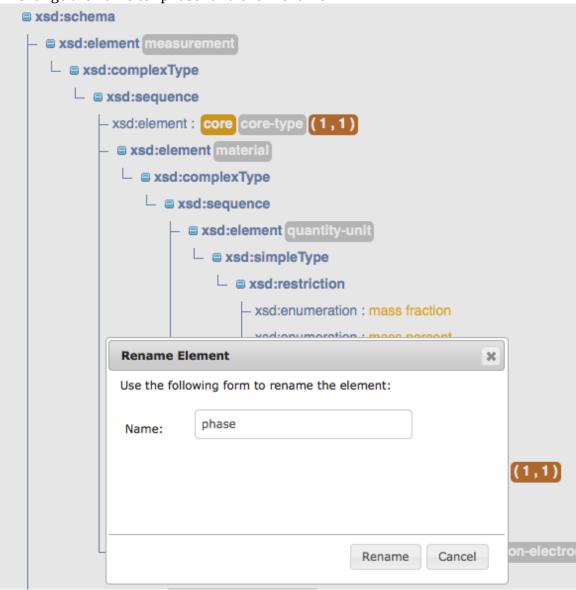


3: Click on "xsd:element" next to "phases" and select "rename"

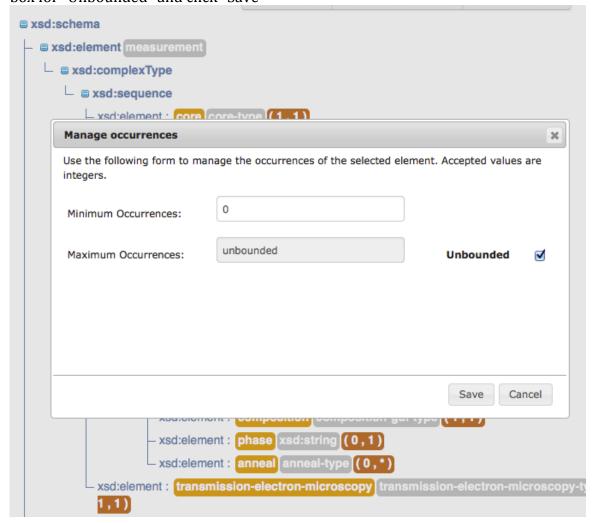
= xsd:schema

# - a xsd:element measurement ssd:complexType xsd:sequence xsd:element : core core-type (1,1) - a xsd:element material ssd:complexType □ ssd:sequence □ xsd:sequence □ ■ xsd:element quantity-unit xsd:simpleType □ ssd:restriction □ xsd:restriction □ xsd:r – xsd:enumeration : mass fraction xsd:enumeration : mass percent xsd:enumeration : mole fraction - xsd:enumeration : mole percent – xsd:enumeration : volume fraction xsd:enumeration : volume percent xsd:element: composition composition-gui-type (1,1) xsd:element : phases xsd:string (0,1) Rename anneal-type (0,\*) xsd:elemen Manage Occurrences tron-microscopy transmission-electro 1,1) Delete

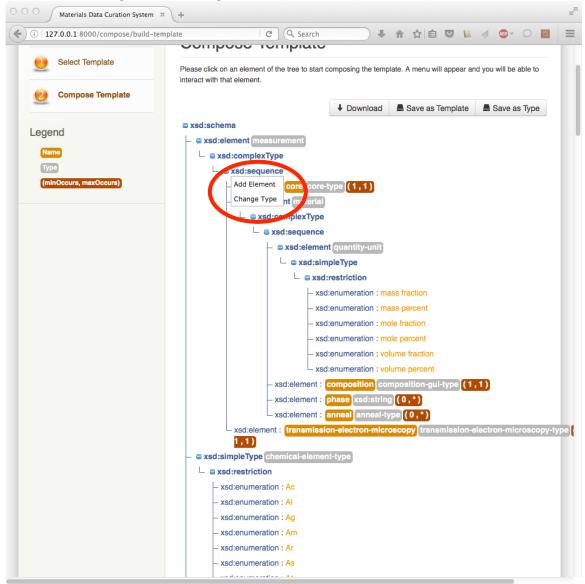
4: Change the name to "phase" and click rename



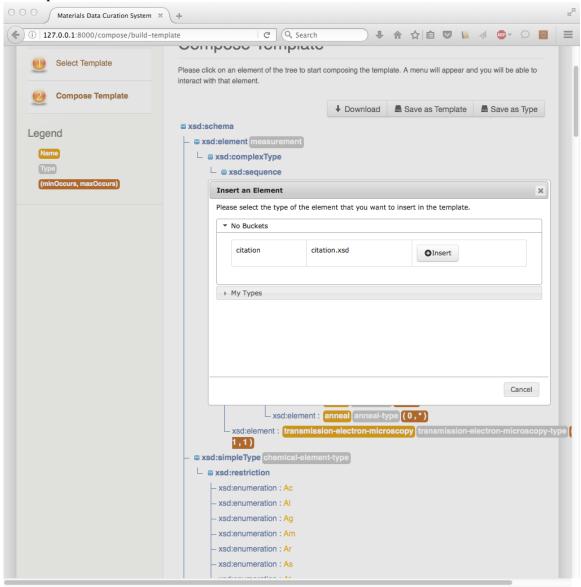
5: Click on "xsd:element" next to "phase" and select "Manage Occurances". Check the box for "Unbounded" and click "Save"



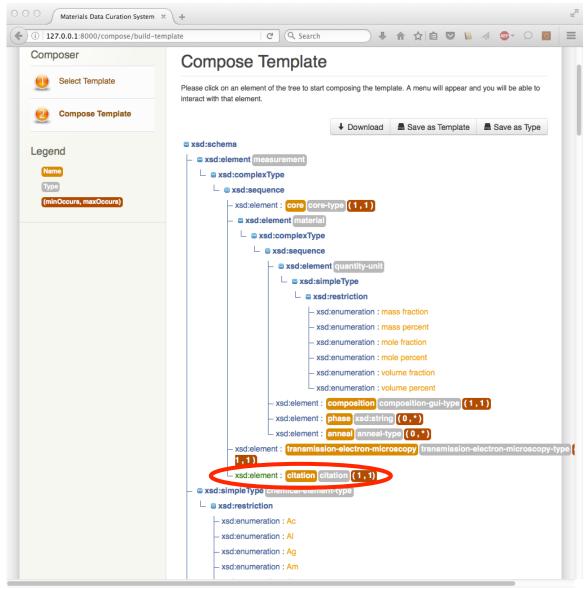
6: Click on the top-level xsd:sequence and select "Add Element"



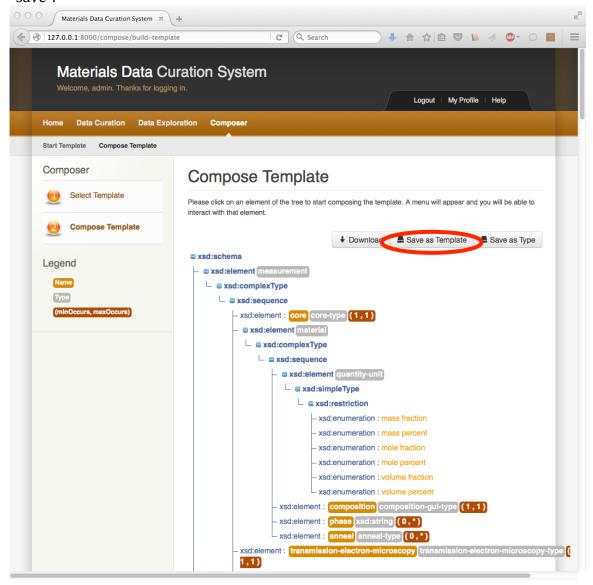
# 7: Drop-down "No Buckets" menu and insert "citation"



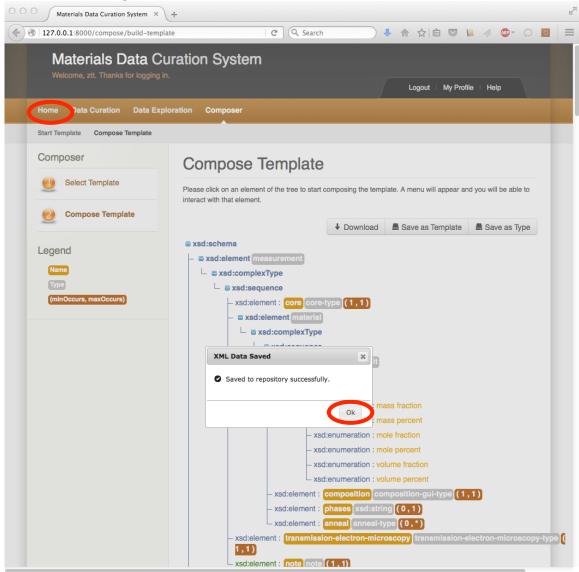
#### 8: Notice new XML element



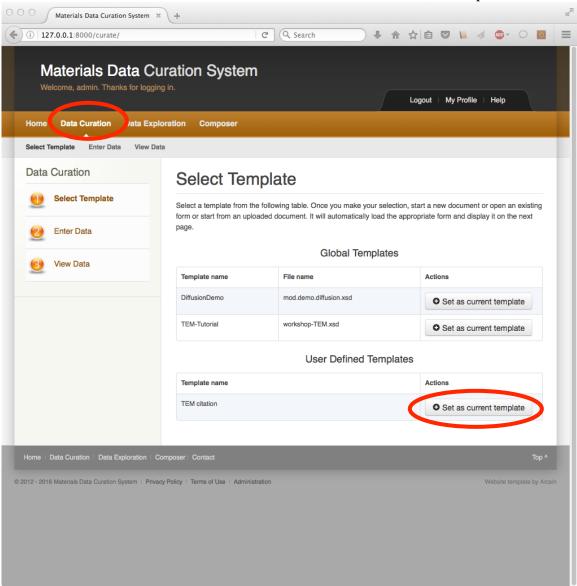
9: Scroll to the top and click "Save as Template". Enter "TEM citation" and click "save".



## 10: After selecting "Ok" click "home"



11: Click on "Data Curation" and set "TEM citation" as the current template



12: Select "Create a new document". Enter "test-interface" and click "Start". Verify changes to the template.

