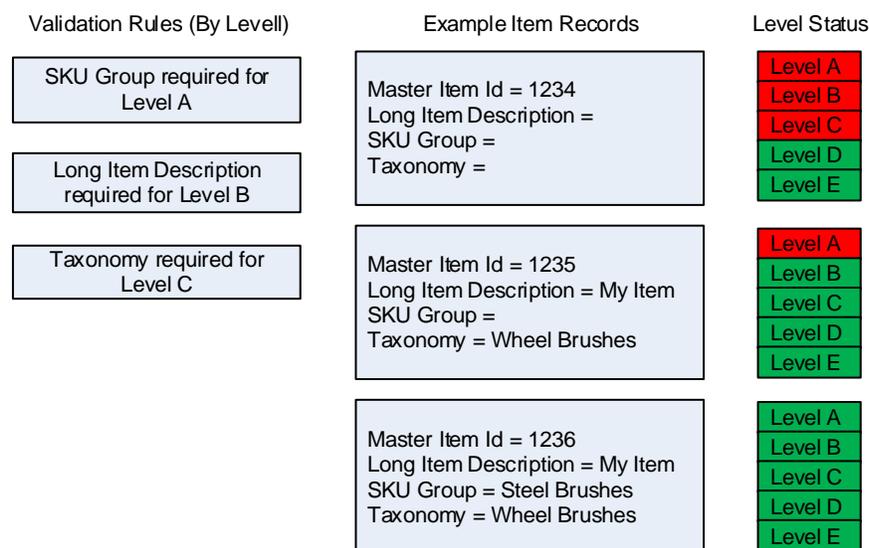


Using Validation Levels

Validation levels allow the data within Enable to be validated based on expected data quality. There are 5 possible levels that validation rules can be defined for – “A” thru “E”. These levels should be viewed as “A” being the highest quality through “E” being the lowest quality. The minimum validation rules for each record should be assigned to the E level. The highest quality validation rules for each record should be assigned to the A level.

The following diagram illustrates how validation rules assigned to validation levels affect the validation status of records for those levels:



In the above example if the first record (with Master Item Id = 1234) is assigned to levels D or E, the record will be deemed valid. But if it is assigned to Levels A, B, or C, it will have at least one severe error. The second record is valid if set to any level but Level A. The third record is deemed valid regardless of what Level the record is set to since all validation rules have been satisfied.

Using validation levels within Enable allows the customer to control the following:

- The level/quality of data required for each record to be promoted to production.
- The level/quality of data required for each export or syndication.

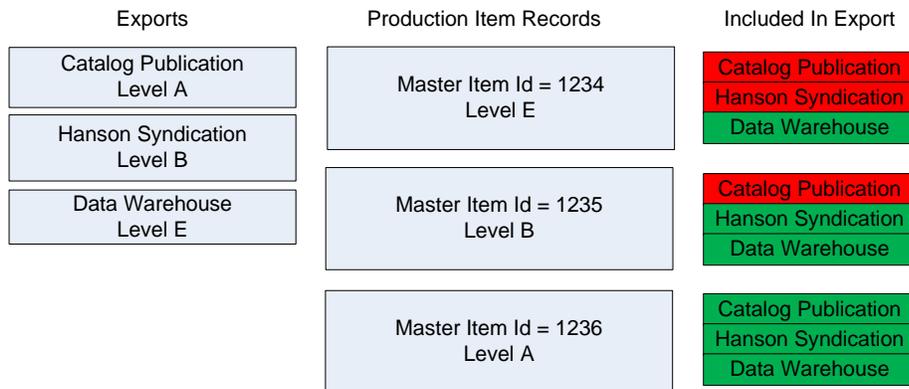
The first step when using validation levels is to design the validation rules for each level. When a record is entered or imported into a repository that is using validation levels, the new record is assigned (as a default) the validation level of “A”. This means that all validation rules in all levels (A thru E) will be enforced on that record. The Product Manager

can change the validation level of the record depending upon its data validation requirements.

The validation level assigned to a record effectively sets the data quality bar for the record’s availability to external systems. For example, if a record is initially set to the lowest level (E), it will be promoted to Production once the minimum data quality requirements are met. If the Staging record is subsequently changed to Level C, it will not be promoted to Production unless the validation rules for Levels C through E are met. Until then, the Level E version of the record will continue to be available to external systems. Once the data quality requirements are met, the Level C version of the record will be promoted to Production.

Validation levels will determine which records are included in generated exports or syndications. In order for a candidate record to be included, its level must be equal to or greater (in terms of quality) than the level assigned to the export or syndication. If a record is at a lower level, it will not be included.

The following diagram illustrates the impact level assignments have on determining whether items are included:

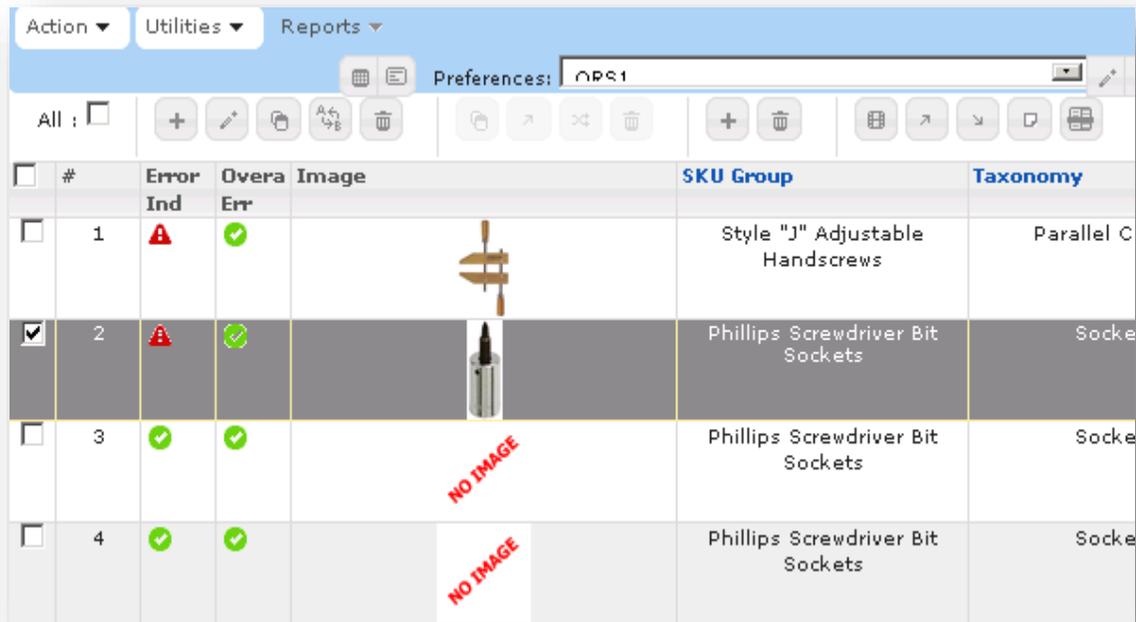


In the above diagram, all three records will be included in the Data Warehouse export since all records meet the Level E requirement of the export. The second and third records will be included in the Hanson Syndication since they are the two records that meet the Level B requirement of the syndication. The Catalog Publication will only include the third record since it is the only record meeting the Level A requirement. In order for the first two records to be included in the Catalog Publication, they need to be assigned to Level A. Once the records pass validation for Level A, they will be promoted to Production as Level A and be available for the Catalog Publication.

When assigning a validation level to an export/syndication, the Product Manager needs to understand what the item will eventually be used for to determine what level of data validation is required.

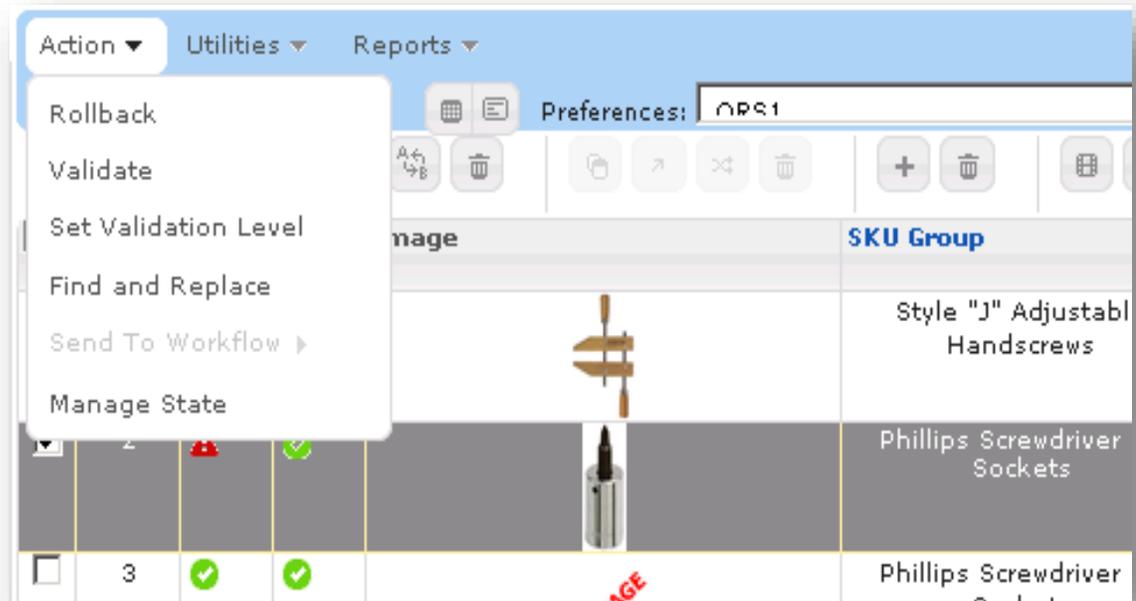
Setting a Record's Validation Level

1. The default validation level is set to "A", so if that is the level the new record requires, no other action is needed.
2. To change the validation level, select the record or records with the checkbox.

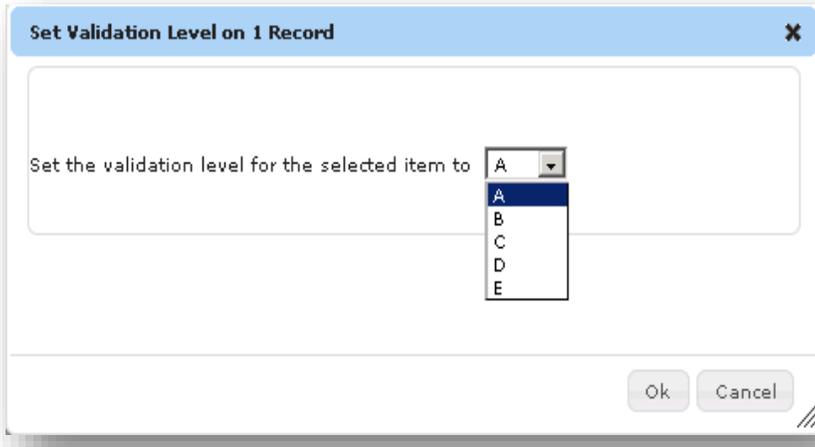


<input type="checkbox"/>	#	Error Ind	Overa Err	Image	SKU Group	Taxonomy
<input type="checkbox"/>	1	⚠	✅		Style "J" Adjustable Handscrews	Parallel C
<input checked="" type="checkbox"/>	2	⚠	✅		Phillips Screwdriver Bit Sockets	Socket
<input type="checkbox"/>	3	✅	✅	NO IMAGE	Phillips Screwdriver Bit Sockets	Socket
<input type="checkbox"/>	4	✅	✅	NO IMAGE	Phillips Screwdriver Bit Sockets	Socket

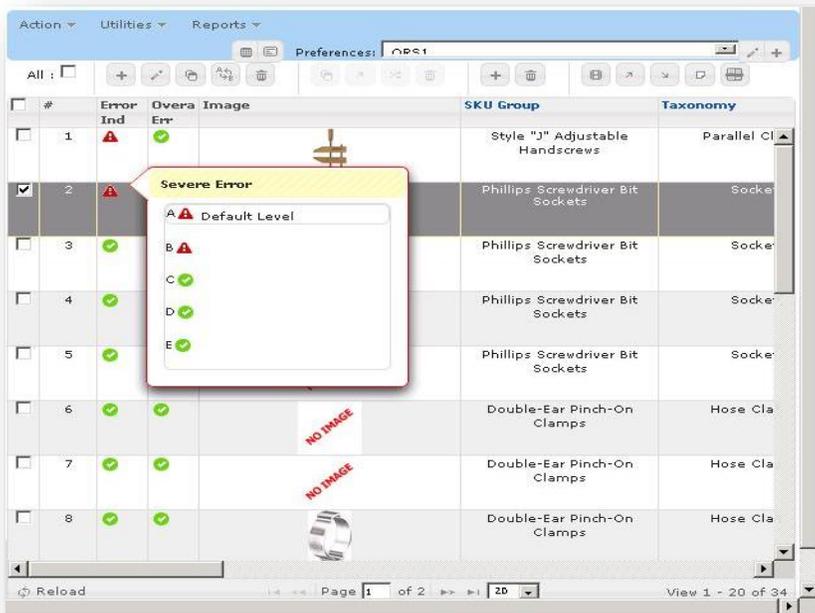
3. Select the **Set Validation Level** option under the **Action** drop-down menu.



4. Select the validation level from the drop-down list.



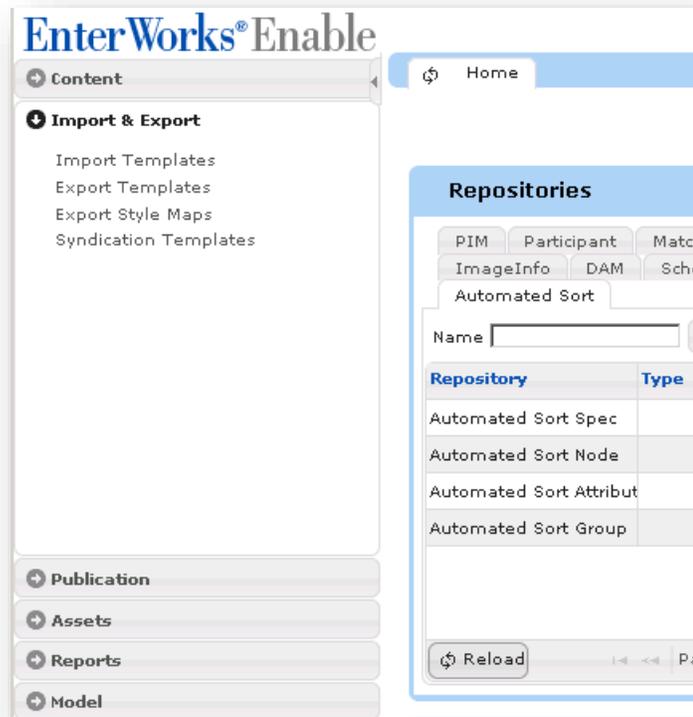
5. Click the **Ok** button.
6. If the "All" checkbox was selected (see the top left of the screen below) then a background job that will set the level on the selected records is started and can be monitored in the Job Monitor.
7. To see the current validation level for the record, move your cursor to hover over the Error Indicator field as shown below. This function also shows the status of each validation level regardless of the validation level set on the record.



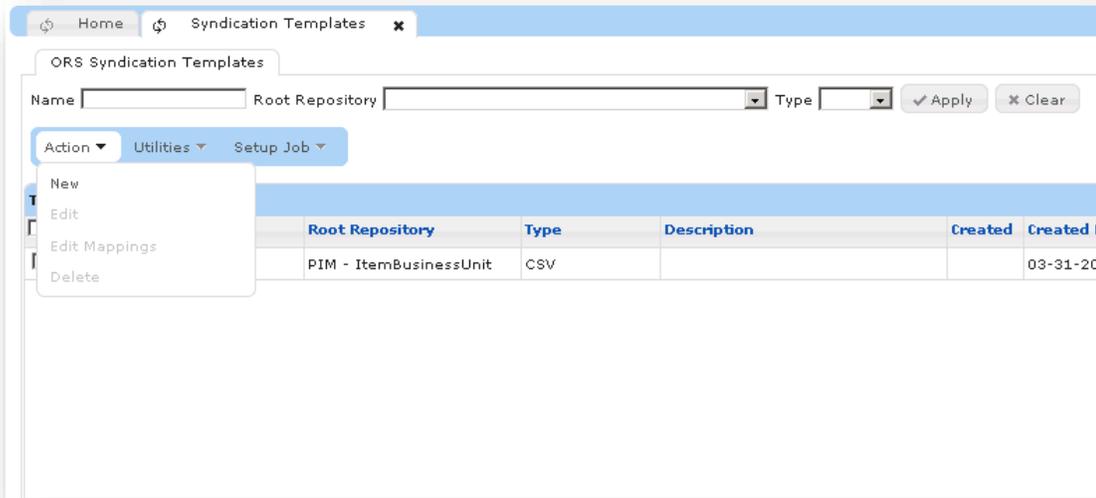
Setting an Export's Validation Level

When defining a Syndication Template to use for an export or syndication, the default validation level is set to "A". This validation level can be changed for the template during setup or modification.

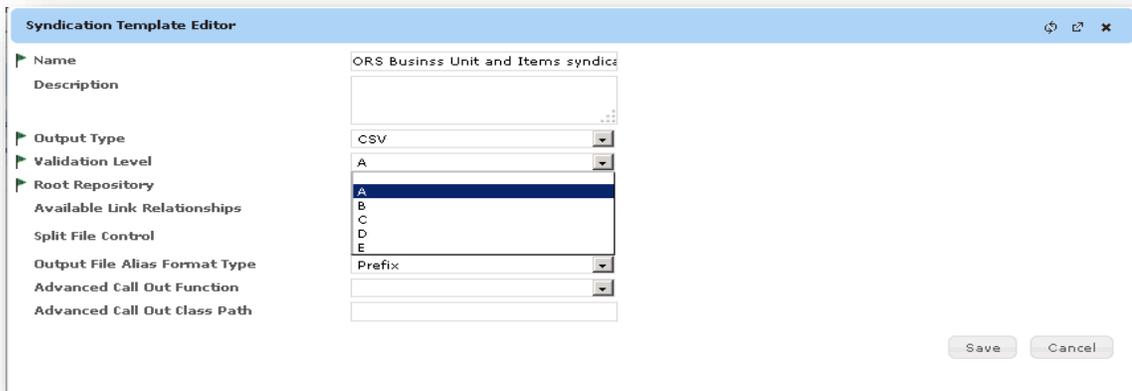
1. Select the Syndication Templates option under the Import & Export Feature in the left frame.



2. Select the **New** option under the **Action** drop-down menu to define a new template, or to modify an existing template **double-click** on a template record, or select the template and select the **Edit** option.



3. Change the Validation Level as shown below.



4. Click the Save button.