

How to Set Up Company-Wide Revit Warning Categories

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When setting up a project in Project Analytics, there are 4 main steps:

1. [Set up the project](#)
2. [Add models to the project](#)
3. [Set up the data collection options](#)
4. [Establish company-wide Revit warning categories](#)

In this article, we will walk you through the fourth step: establishing company-wide Revit warning categories. You are going to determine which warnings you want to be included in a model health score at a company level.

From the Project Analytics Portal, click on the **Settings** tab.

You'll see a list of all of the Revit Warnings that currently exist within your projects being analyzed by Project Analytics.

Revit Warning Categories

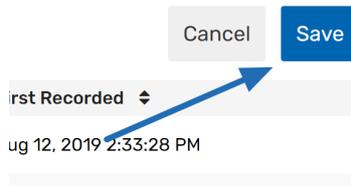
Select All	Category	Revit Warning	First Recorded
<input type="checkbox"/>	Non Critical	A wall and a room separation line overlap. One of them may be ignored when Revit finds room boundaries. Shorten or delete the room separation line to remove the overlap.	Aug 12, 2019 2:33:28 PM
<input type="checkbox"/>	Critical	Actual Number of Risers is different from Desired Number of Risers. Add/remove Risers or change Desired Number of Risers in Stairs Properties.	Sep 27, 2018 1:40:46 AM
<input type="checkbox"/>	Non Critical	Area separation line is slightly off axis and may cause inaccuracies.	Sep 27, 2018 1:40:46 AM
<input type="checkbox"/>	Non Critical	Beam or Brace is slightly off axis and may cause inaccuracies.	Aug 12, 2019 2:33:28 PM
<input type="checkbox"/>	Uncategorized	Design Option "Main Model" cannot reference Design Option "Connector : Alternate".	Sep 19, 2019 6:50:32 PM
<input type="checkbox"/>	Uncategorized	Element will be detached from its associated plane	Sep 19, 2019 6:50:32 PM
<input type="checkbox"/>	Critical	Elements have duplicate "Name" values.	Aug 12, 2019 2:33:28 PM
<input type="checkbox"/>	Ignore	Elements in Mechanical Supply Air 1 are not connected in a single physical network due to one or both of the following: - There are disconnects in the system's physical network. - Elements in the system are connected to more than one physical network.	Oct 4, 2018 10:20:56 AM

You are going to determine on this screen what is Critical, what is Non-Critical, and what you can Ignore. Everything that is categorized as "Ignore" or "Uncategorized" will not impact the Model Health Score. Warnings will be "Uncategorized" by default so good practice would be to check on these settings regularly to make sure any new warnings are captured.

You can change the categorization under the **Category** column.

Revit Warning Categories

Once you have categorized all Revit Warnings, select **Save** in the upper right corner of the screen.

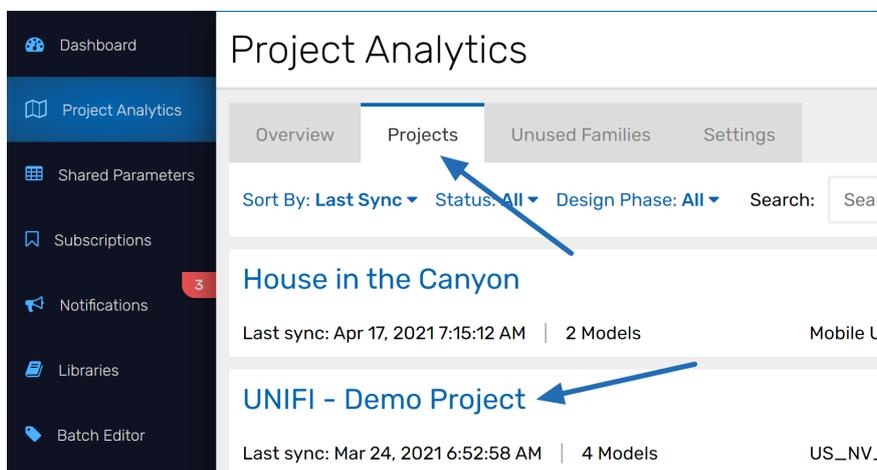


If you notice that you can't save for some reason, it means that you aren't in Google Chrome or Firefox.

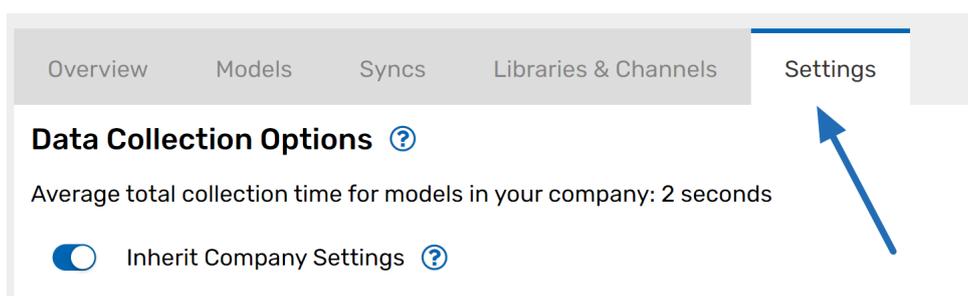
Setting Up Model Health Indicators for a Specific Project

Now let's talk about how to set up Model Health Indicators for a specific project. You just established what warnings are important to you at a company level, but now you can sift through these at a project level and identify how you want them to impact the overall health score of a particular project.

Go back to the Project Analytics Dashboard and select the **Projects** tab and select the project that you'd like to open.



Next, click on the **Settings** tab.



From here, you can see here each of the indicators that impact your Overall Health Score. You can modify these fields so that your health score reflects exactly what is important to you. For example, let's say that you don't think that Revit links are detrimental to your model health. You can choose to ignore that health indicator by checking the **Ignore** box.

Set Health Indicator Threshold Values

Health Indicator Threshold changes will take effect the next time any model under the current Project is synced.

Copy settings from another Project ▾

Health Indicator	Caution	Needs Attention	
Critical Revit Warnings	<input type="text" value="1"/>	<input type="text" value="1"/>	
Non-critical Revit Warnings	<input type="text" value="5"/>	<input type="text" value="20"/>	<input type="checkbox"/> Ignore
Revit Links	<input type="text" value="0"/>	<input type="text" value="1"/>	<input checked="" type="checkbox"/> Ignore
CAD Links	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="checkbox"/> Ignore
CAD Imports	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="checkbox"/> Ignore

However, let's say that you find sync time an indication of when a model is becoming less efficient; you can set thresholds for the sync time health indicator. A caution threshold at 90 seconds would affect the model health score a little. If it crosses the Needs Attention by taking more than 180 seconds to sync, the model health score would be affected even more.

Sync Time (in seconds) Ignore

Once you are done, click **Save**.



You can then go back to Revit and sync your data to give you an updated health score in Project Analytics.
