

# Excel Wicket Component

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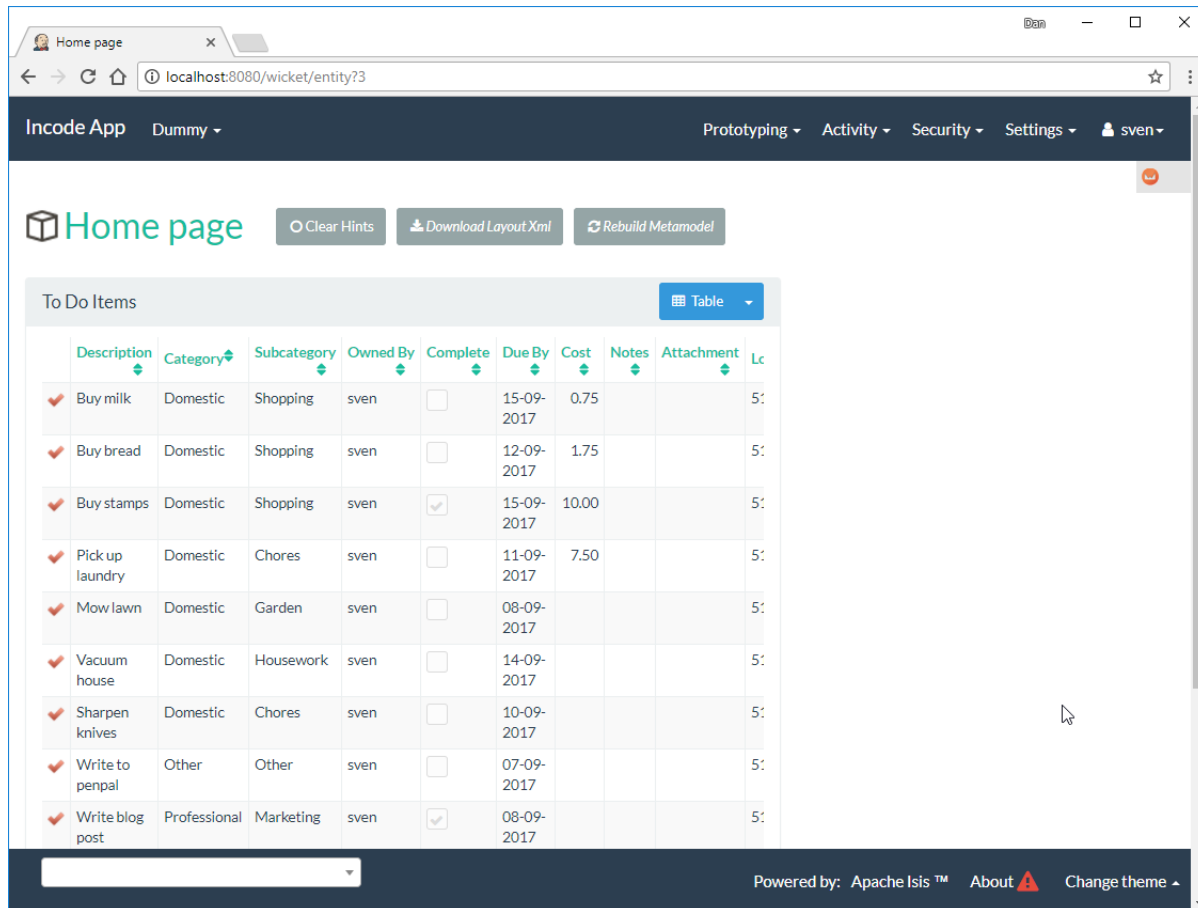
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This component (`isis-wicket-excel`) allows a collection of entities to be downloaded as an Excel spreadsheet (using [Apache POI](#)).

# Screenshots

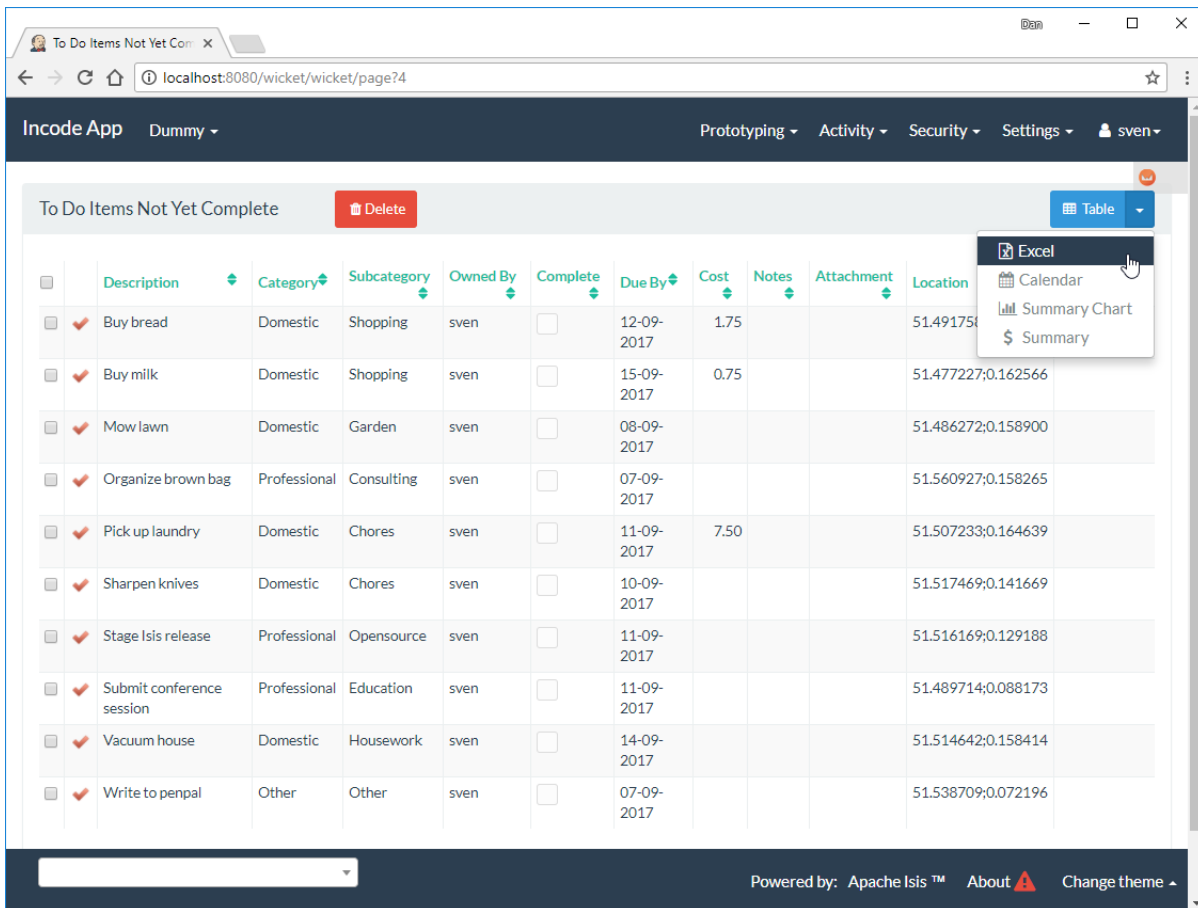
The module's functionality can be explored by running the [quickstart with example usage](#) using the `org.incode.domainapp.example.app.modules.ExampleDomWktExcelAppManifest`.

A home page is displayed when the app is run:

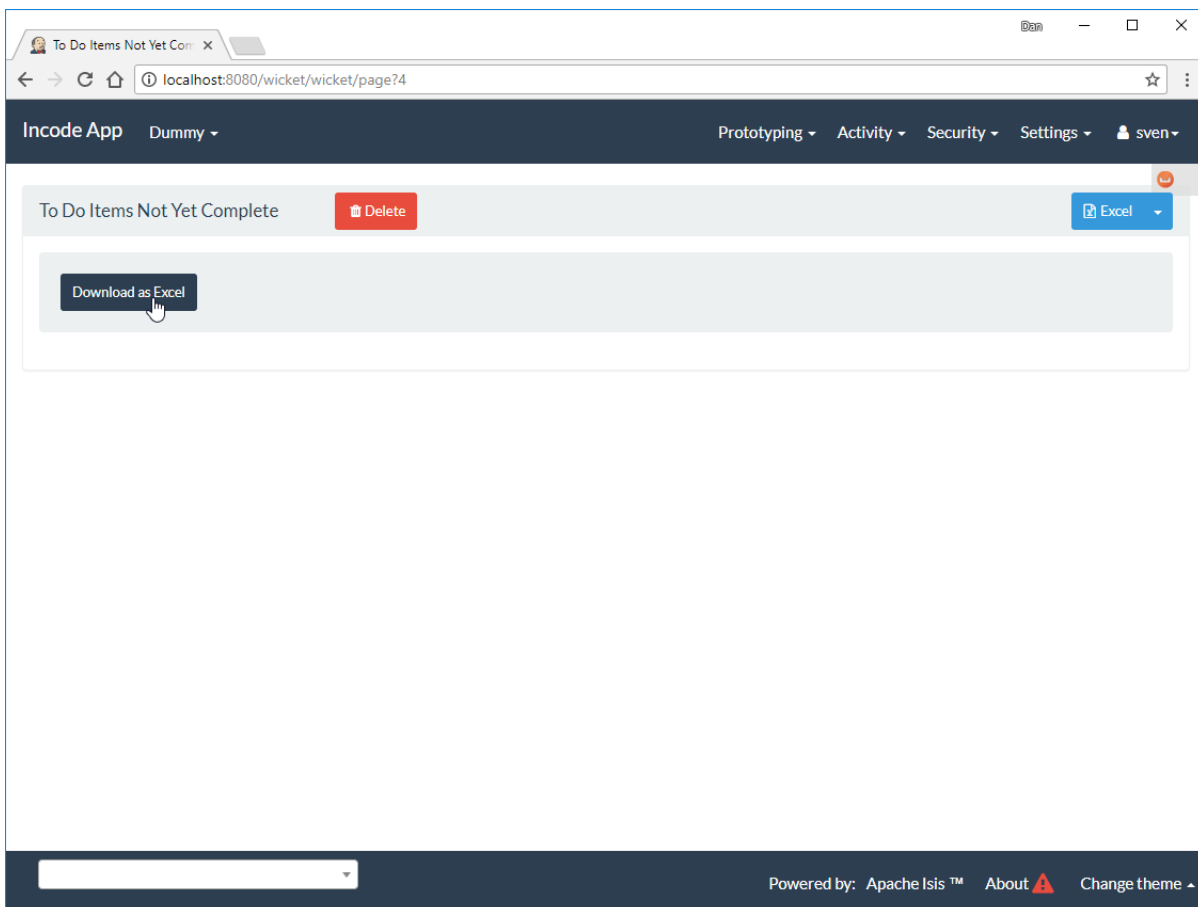


The module contributes an additional "view" for both standalone and parented collections:

Then the standalone collection of all incomplete todo items shows an additional link to select the excel view:



In both cases this view is simply a button to download the collection as an Excel spreadsheet:



And the spreadsheet contains the contents of the collection:

ToDoItems.xlsx - Microsoft Excel										
A1 Description										
	A	B	C	D	E	F	G	H	I	J
1	Description	Category	Subcategory	Complete	Due By	Cost				
2	Buy bread	Domestic	Shopping	FALSE	18-Feb-2014	1.75				
3	Buy milk	Domestic	Shopping	FALSE	18-Feb-2014	0.75				
4	Mow lawn	Domestic	Garden	FALSE	24-Feb-2014					
5	Organize brown bag	Professional	Consulting	FALSE	04-Mar-2014					
6	Pick up laundry	Domestic	Chores	FALSE	24-Feb-2014	7.5				
7	Sharpen knives	Domestic	Chores	FALSE	04-Mar-2014					
8	Stage Isis release	Professional	OpenSource	FALSE						
9	Submit conference session	Professional	Education	FALSE	11-Mar-2014					
10	Vacuum house	Domestic	Housework	FALSE	21-Feb-2014					
11	Write to penpal	Other	Other	FALSE						
12										
13										
14										
15										
16										
17										

# How to configure/use

Simply add this component to your classpath, eg:

```
<dependency>
  <groupId>org.isisaddons.wicket.excel</groupId>
  <artifactId>isis-wicket-excel-cpt</artifactId>
  <version>1.15.0</version>
</dependency>
```

You should then find that a new view is provided for all collections of entities (either as returned from an action, or as a parented collection), from which a link to download the spreadsheet can be accessed.

Check for later releases by searching [Maven Central Repo](#).

For instructions on how to use the latest **-SNAPSHOT**, see the [contributors guide](#).

# Known issues

None known at this time.



# Related Modules

See also the [Excel library](#) module, which provides programmatic ability to export or import objects to/from an Excel spreadsheet.

# Dependencies

Maven can report modules dependencies using:

```
mvn dependency:list -o -pl modules/wkt/excel/impl -D excludeTransitive=true
```

which, excluding Apache Isis itself, returns these compile/runtime dependencies:

```
org.apache.poi:poi:jar:3.9  
org.apache.poi:poi-ooxml-schemas:jar:3.9  
org.apache.poi:poi-ooxml:jar:3.9
```

For further details on 3rd-party dependencies, see:

- [Apache POI](#)