

Example File For The Thmtools Module

1 Description

This document contains all the layout environments provided by the Theorems (thmtools, Numbered By Type, Within Sections) module, and a short instruction for the “List Of Theorems” layout. As mentioned in the module, the proof and case layouts are provided by inclusion, so there is no real reason to test these layouts, but it is better to be safe than sorry.

2 Test of environments

3 List of Theorems

To print a list of theorems, go to Insert▷ Custom Insets▷ List Of Theorems.

List of Theorems

claim2Claim (Dummy Note)1claim.2.1claim* Claim (Dummy Note)1thmt@dummyctr.dummy.2conjecture2Conjecture (Dummy Note)1conjecture.2.1conjecture* Conjecture (Dummy Note)1thmt@dummyctr.dummy.4cor2Corollary (Dummy Note)1cor.2.1cor* Corollary (Dummy Note)1thmt@dummyctr.dummy.6defn2Definition (Dummy Note)1defn.2.1defn* Definition (Dummy Note)1thmt@dummyctr.dummy.8example2Example (Dummy Note)1example.2.1example* Example (Dummy Note)1thmt@dummyctr.dummy.10xca2Exercise (Dummy Note)1xca.2.1xca* Exercise (Dummy Note)1thmt@dummyctr.dummy.12fact2Fact (Dummy Note)2fact.2.1fact* Fact (Dummy Note)2thmt@dummyctr.dummy.14lem2Lemma (Dummy Note)2lem.2.1lem* Lemma (Dummy Note)2thmt@dummyctr.dummy.16problem2Problem (Dummy Note)2problem.2.1problem* Problem (Dummy Note)2thmt@dummyctr.dummy.18prop2Proposition (Dummy Note)2prop.2.1prop* Proposition (Dummy Note)2thmt@dummyctr.dummy.20rem2Remark (Dummy Note)2rem.2.1thm2Theorem (Dummy Note)2thm.2.1thm* Theorem (Dummy Note)2thmt@dummyctr.dummy.23

In the layout you will see an argument labeled “keys”, in there you could type options for the `\listoftheorems` command. For the full list of options see the [thmtools documentation](#).

Unlike ToC, List Of Theorems can be called number of times, so i will provide another example of a list that contains few, but not all of the enviornments, titled “My List”, and with numbers appearing after the title:

My List

[Claim 2.1 \(Dummy Note\)](#)1claim*Claim (Dummy Note)1thmt@dummyctr.dummy.2conjectureConjecture 2.1
 (Dummy Note)1conjecture.2.1conjecture*Conjecture (Dummy Note)1thmt@dummyctr.dummy.4[Corollary 2](#)
[\(Dummy Note\)](#)1cor*Corollary (Dummy Note)1thmt@dummyctr.dummy.6[Definition 2.1](#)
[\(Dummy Note\)](#)1defn*Definition (Dummy Note)1thmt@dummyctr.dummy.8exampleExample 2.1
 (Dummy Note)1example.2.1example*Example (Dummy Note)1thmt@dummyctr.dummy.10xcaExercise 2.1
 (Dummy Note)1xca.2.1xca*Exercise (Dummy Note)1thmt@dummyctr.dummy.12factFact 2.1
 (Dummy Note)2fact.2.1fact*Fact (Dummy Note)2thmt@dummyctr.dummy.14[Lemma 2.1](#)
[\(Dummy Note\)](#)2lem*Lemma (Dummy Note)2thmt@dummyctr.dummy.16problemProblem 2.1
 (Dummy Note)2problem.2.1problem*Problem (Dummy Note)2thmt@dummyctr.dummy.18propProposition
 (Dummy Note)2prop.2.1prop*Proposition (Dummy Note)2thmt@dummyctr.dummy.20remRemark 2.1
 (Dummy Note)2rem.2.1[Theorem 2.1 \(Dummy Note\)](#)2thm*Theorem (Dummy Note)2thmt@dummyctr.dummn

As a final remark, one can see that the module is also compatible with hyperref.