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

Claim 2.1 (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Claim (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Conjecture 2.1 (Dummy Note). *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Conjecture (Dummy Note). *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Corollary 2.1 (Dummy Note). *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Corollary (Dummy Note). *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Definition 2.1 (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Definition (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Example 2.1 (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Example (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Exercise 2.1 (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Exercise (Dummy Note). Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Fact 2.1 (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Fact (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Lemma 2.1 (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Lemma (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Problem 2.1 (Dummy Note)**.** Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Problem (Dummy Note)**.** Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Proposition 2.1 (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Proposition (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Remark 2.1 (Dummy Note)*.* Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Theorem 2.1 (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Theorem (Dummy Note)**.** *Dummy Text, Dummy Text, Dummy Text, Dummy Text.*

Case 1. Dummy Text, Dummy Text, Dummy Text, Dummy Text.

Proof. Dummy Text, Dummy Text, Dummy Text, Dummy Text. □

3 List of Theorems

To print a list of theorems, add the List of Theorems layout from the bottom of the Reasoning category in the layouts combo-box.

List of Theorems

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 environments, titled "My List", and with numbers appearing after the title:

My List