

# pytrello todo list documentation

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## Abstract

The py-trello todo list project is a way to facilitate creation, management and accessibility of todo lists. It works in two sides, one is the source table, where you organize quests in long-term scope and then break them apart in subquests with given due dates; the other side is the Trello applicative, and each subquest should be available on it by means of a python code. The python code works as interface between the source table and the applicative, such that table contents are translated to Trello and changes in subquests status are translated back to the source table

## 1 Introduction

This document is a tutorial on how to deal with *py-trello* ([Link](#)) python package and Trello software so as to automatize the organization and making of todo lists.

The current project uses a pipeline in which all the tasks are organized in an Excel file, then translated to Trello cards by means of a code, available on [GitHub](#)

At the same time, as user manages his/her lists on Trello (e.g.: put a card from DOING list to DONE list), its changes should be visible and iterate the Excel file content.

A diagram of the system is shown on figure [1](#)

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\*Any feedback is appreciated and can be sent directly to my email: seidi.yamauti@gmail.com

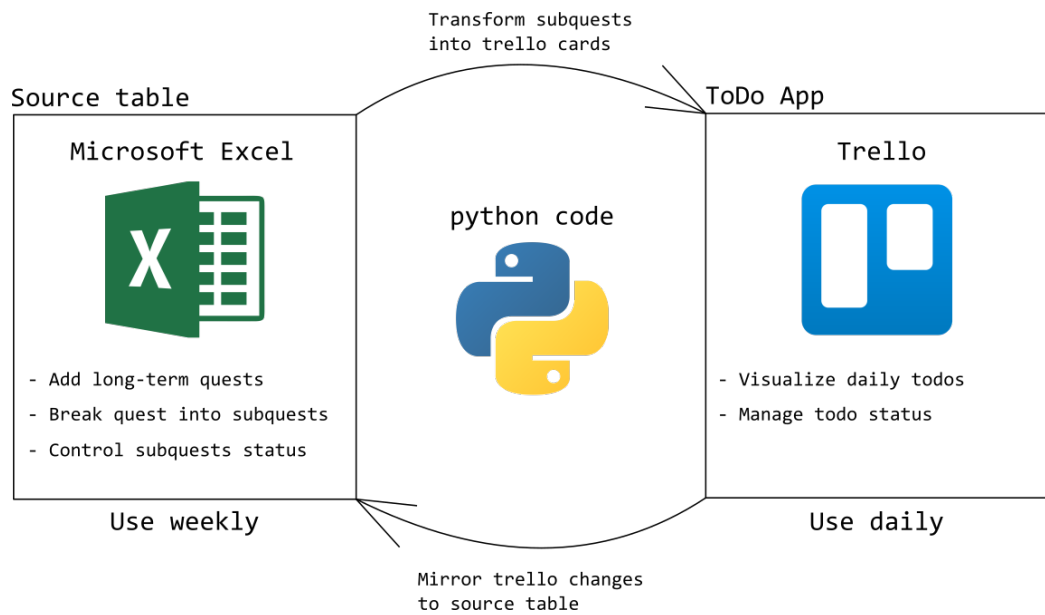


Figure 1: A diagram of the whole system explained in this document

## 1.1 Nomenclature

Lots of words have meaning in this project, thus the following dictionary is given, for better understanding:

Source Table Scope:

- **quest**: it is something you'd plan to do as a whole (e.g.: read a book, do an online course)
- **subquest**: given a quest, it is a small chunk of it, which is doable as whole in one day (e.g.: read chapter 1 of the book, watch class 5 of online course)

ToDo App Scope:

- **todo**: in ToDo App Scope, a subquest is called a todo (it is the thing you'll focus your energy to finish)

## **2 The Source Table**

### **2.1 Use Case**

## **3 Trello App**

Trello is a web-base list management tool, based on Kanban methodology, on which cards are added to lists and each list has a label (usually, 'TO DO', 'DOING' and 'DONE')

### **3.1 Interface and Components**

### **3.2 Use Case**

## **4 Summary**

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