

# How we use Twisted in Launchpad

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## **Abstract**

Launchpad is a large, open source, "real world" Python project with many moving parts. This talk will explain how Twisted helps us keep track of them.

## **1. Introduction**

Launchpad[1] is a large – one could even say “enterprise scale” – open source[2] application that aims to be a collaboration and hosting platform for software projects.

Twisted[3] is an “Event-driven networking engine written in Python and licensed under the MIT license”. It has abstractions for handling concurrency without using threads.

Generally speaking, aside from the web application itself, every part of Launchpad that deals with concurrency does so using Twisted.

The talk will tour the various such parts of Launchpad and then attempt to give a more detailed example of one of them.

## **2. References**

[1] Launchpad Developers, launchpad.net. [Online]. Available: <https://launchpad.net> [3 November 2009]

[2] Launchpad Developers, “Launchpad itself in Launchpad”. [Online]. Available: <https://launchpad.net/launchpad> [3 November 2009]

[3] Twisted Developers, Twisted. [Online]. Available: <http://twistedmatrix.com/trac/> [3 November 2009]