

Quick Quepid Qonversation



opensourceconnections.com

Eric Pugh - @dep4b -
epugh@opensourceconnections.com

ApacheCon 2022 Edition!



This is why your search is broken!

Hi, I'm Doug

I'm a search relevancy expert, not a doctor.



When I search for 'myocardial infarction' these documents about 'heart attacks' should come up.



Hi, I'm Rena

I know my content, but not much about search.



ONE WEEK LATER



Ok, I fixed that myocardial-whatever relevancy issue.

But you broke this other thing I thought was fixed!



Ok, let me see what I can do... I'll get back to you in a week.

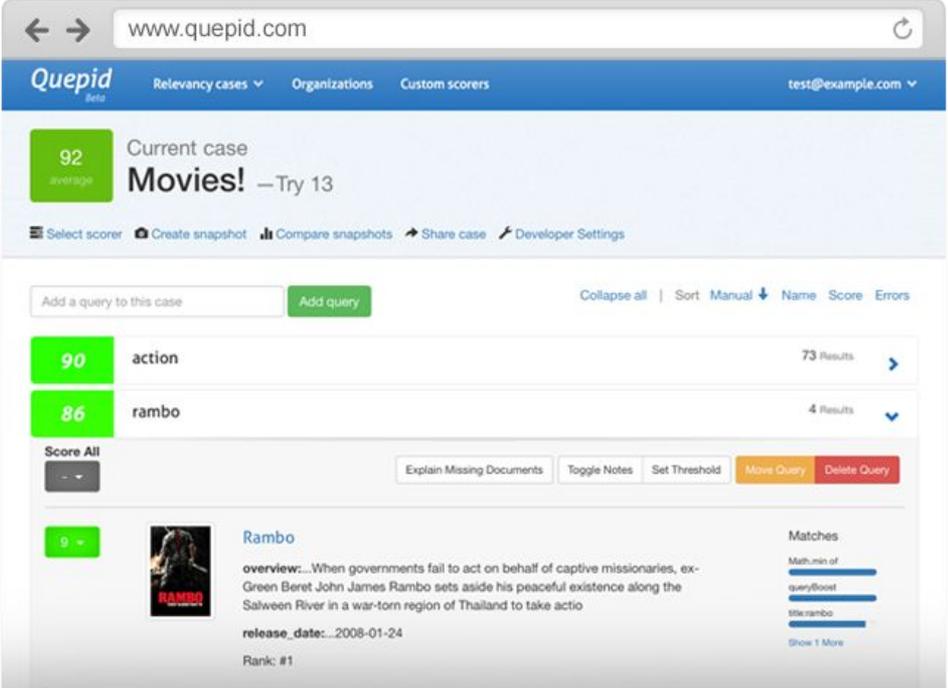
A broken workflow!

- Our collaboration stinks
- Search testing is hard
- Iterations are slow



Enter Quepid

The Test-Driven Relevancy Dashboard



The screenshot shows the Quepid Relevancy Dashboard interface. At the top, the browser address bar displays `www.quepid.com`. The page header includes the Quepid logo, navigation links for "Relevancy cases", "Organizations", and "Custom scorers", and a user profile "test@example.com".

The main content area features a "Current case" section with a green box showing a score of "92" and the text "Movies! — Try 13". Below this are several action buttons: "Select scorer", "Create snapshot", "Compare snapshots", "Share case", and "Developer Settings".

A search bar with the placeholder "Add a query to this case" and an "Add query" button is present. To the right, there are options for "Collapse all", "Sort", "Manual", and "Name", "Score", "Errors".

The dashboard displays a list of queries with their scores and result counts:

- Query: "action", Score: 90, Results: 73
- Query: "rambo", Score: 86, Results: 4

Below the list, there are control buttons: "Score All", "Explain Missing Documents", "Toggle Notes", "Set Threshold", "Move Query", and "Delete Query".

The "rambo" query is expanded, showing a score of 9 and a rank of #1. It includes a movie poster for "Rambo" and an overview: "When governments fail to act on behalf of captive missionaries, ex-Green Beret John James Rambo sets aside his peaceful existence along the Salween River in a war-torn region of Thailand to take action". The release date is listed as "2008-01-24".

On the right side, a "Matches" section shows a bar chart comparing the query to other terms: "Math.min of", "query/boost", and "Stevrambo". A "Show 1 More" link is also visible.

Lets get our hands dirty with Quepid!

A Brief History of Quepid

3600
Docker Hub
Pulls

1745
Users on
SaaS

174
Followers of
@quepid_search

15
Contributors
on Github

- Created by Doug Turnbull in 2012
- First [public mention](#) of Quepid Oct 2013
- [Quepid SaaS launched](#) Nov 2015
- [Containerized](#) in early 2016
- [nDCG](#) added in Feb 2018
- [Open sourced](#) in July 2019
- [9 Releases](#) in 2020

Out of date
numbers!!!

Why is it called Quepid?

Because it's to *show your queries some love!*

What's with the frogs?





Where next for Quepid?

- <https://github.com/o19s/quepid> for code
- Contribute **moar** notebooks!
- www.quepid.com for documentation
- Be part of [Relevance Slack](https://www.opensourceconnections.com/slack) at www.opensourceconnections.com/slack and join **#quepid** channel.
- Take the [Think Like a Relevancy Engineer](#) course.

Thank you.

Contact me at epugh@opensourceconnections.com and follow [@dep4b](https://twitter.com/dep4b) and [@quepid_search](https://twitter.com/quepid_search).