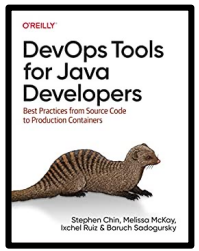
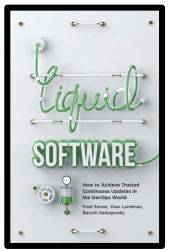
Developer Productivity - DIY (with ChatGPT)

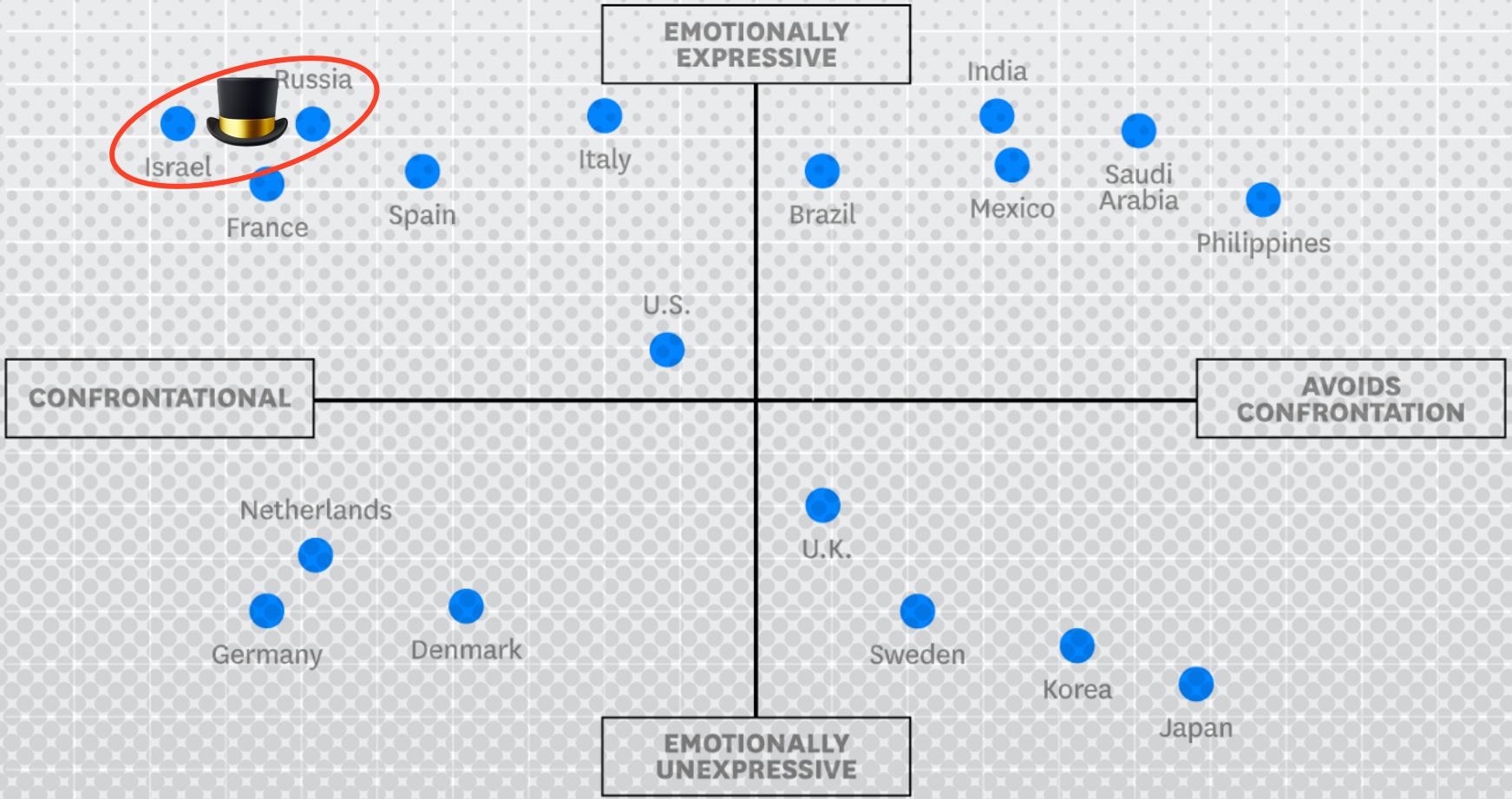
How I learned to stop worrying and love the AI

Baruch Sadogursky - @jbaruch

- Developer Productivity Advocate
- Gradle Inc
- Development -> DevOps -> #DPE



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SHOWNOTES

- speaking.jbaru.ch
- Slides
- Video
- All the links!

Questions to ask LLM

- What is Developer Productivity Engineering?
- Why we want to improve it?
- What can be improved?

Answers, summarized

- #DPE helps us improving our overall developer experience. The build is a good place to start.
- It's not only Gradle! Maven, SBT, Bazel and any other build can and should be improved!
- It's not only the build! Improving the entire cycle is important and worth investing!

How can we improve our build?

- Caching, local and remote
- Parallel testing, local and remote
- Predictive test selection
- Fight evil flaky tests!
- Watch your build like a hawk for degradations

What you can do today (for free)

- × Parallel local
- × Local caching
- × Remote caching*
- × Build Scans
- × Win Prizes (a.k.a. speed challenge)

What your company should pay for

- × Gradle Enterprise (or similar)

SECRET SAUCE: CHAT-GPT PLUGINS!

- "...to my knowledge as of September 2021" 😕
- Feed Chat-GPT with your own custom KB: embedding plugins
  - Populate vector database with custom data
  - Create Chat-GPT embeddings plugin
- Or use 3rd-party service like Mantium

LEARN MORE AND TRY IT TODAY!

- Take the Gradle/Maven Speed Challenge
- Be DPE Agent of Change!
- Read the DPE Handbook
- Join DPE Summit (or watch the videos)

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