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Improving productivity of microservices development with Project Tye

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“Being productive is not about getting more done. It's about having less to do.”

— Paraphrasing *Francine Jay*

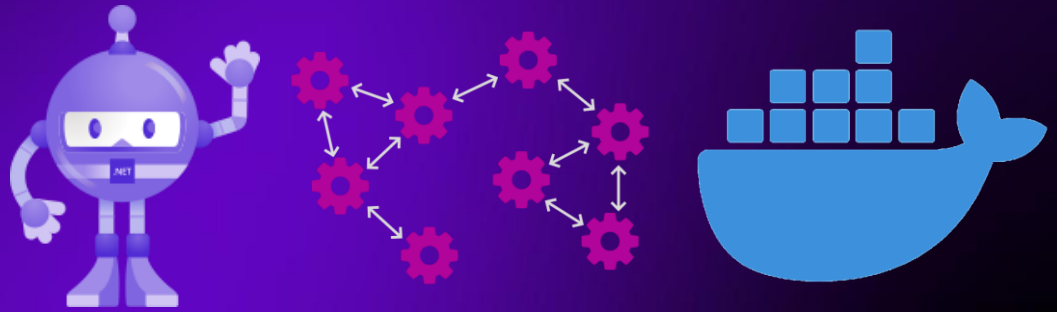
Agenda

- What is Tye?
- Getting Tye
- How Tye helps us:
  - Develop an app
  - Containerize and deploy an app to Kubernetes
- Shortcomings and future

Assumptions

At least a basic knowledge of:

- .NET Core
- Microservices
- Containers



What is Tye?

Dev tool

(Demos coming up!)

.NET tool

Frontends exist

Experiment

at Microsoft

Open source

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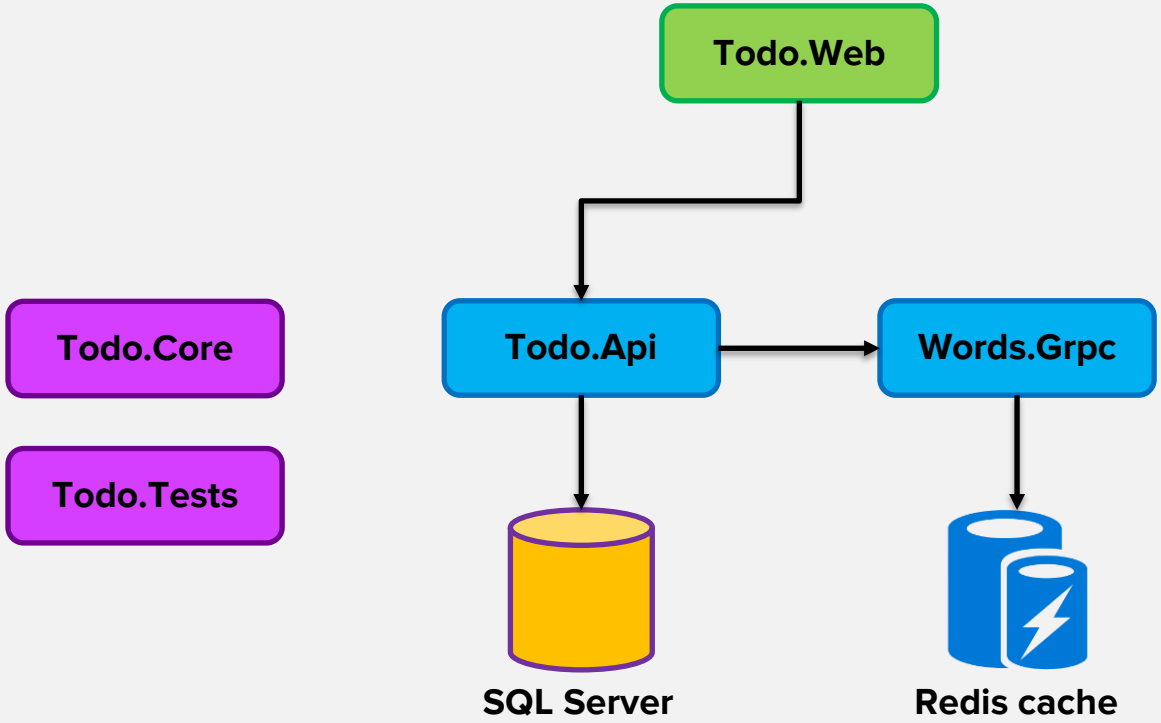
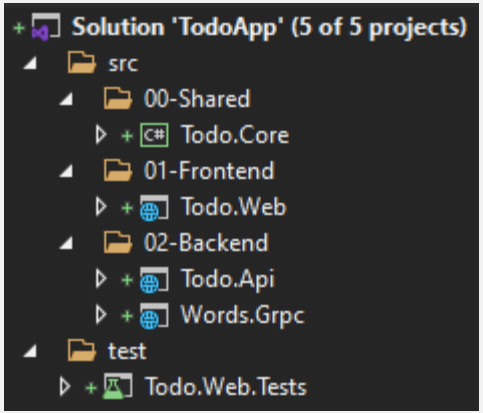
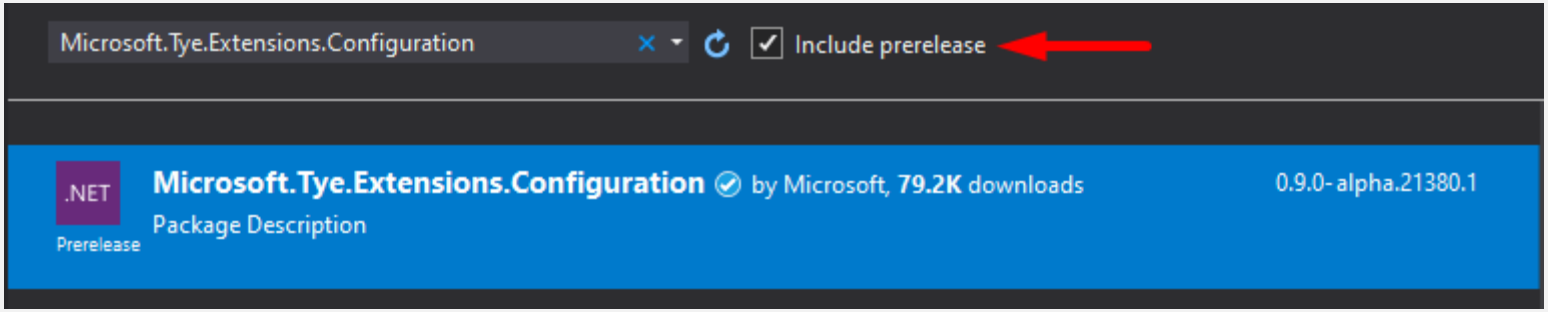
Let’s get Tye!

— A not-so-trivial app

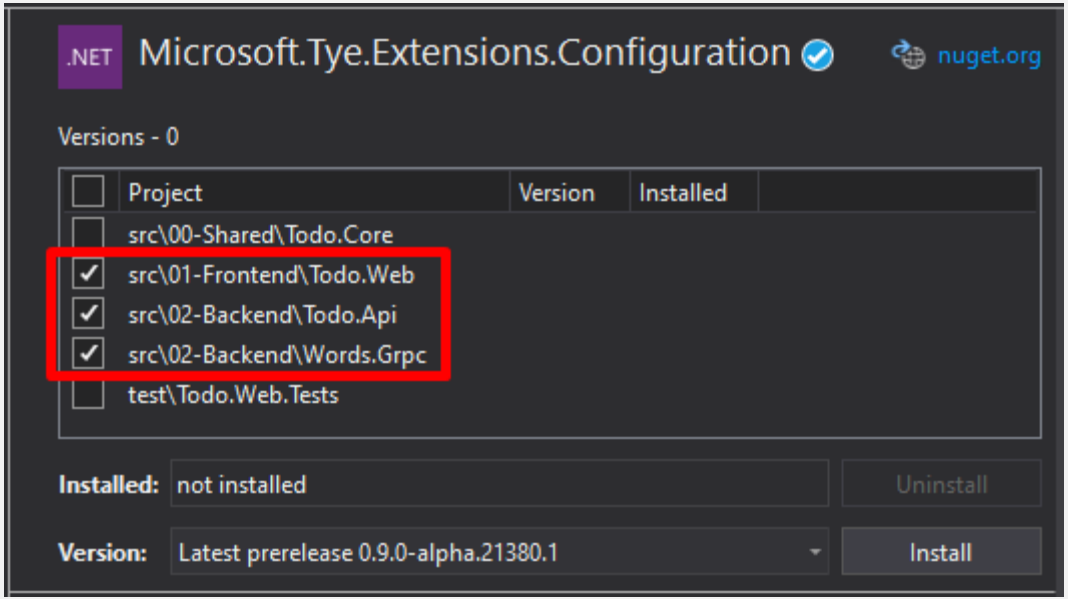




— Service Discovery



— Service Discovery



— Cheat sheet


```
tye init

tye run --watch

tye deploy -i

tye undeploy
```

— Source code

https://github.com/ignacioerrico/pw-2021-tye-demo

Repo for my solution

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Thank you!

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