

.NET Aspire: The All-in-one solution!

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Me:

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.NET Aspire:

.NET Aspire is an opinionated, cloud ready stack for building observable, production ready, distributed applications. .NET Aspire is delivered through a collection of NuGet packages that handle specific cloud-native concerns.

.NET Aspire announced on **14th November, .NET Conf 2023**



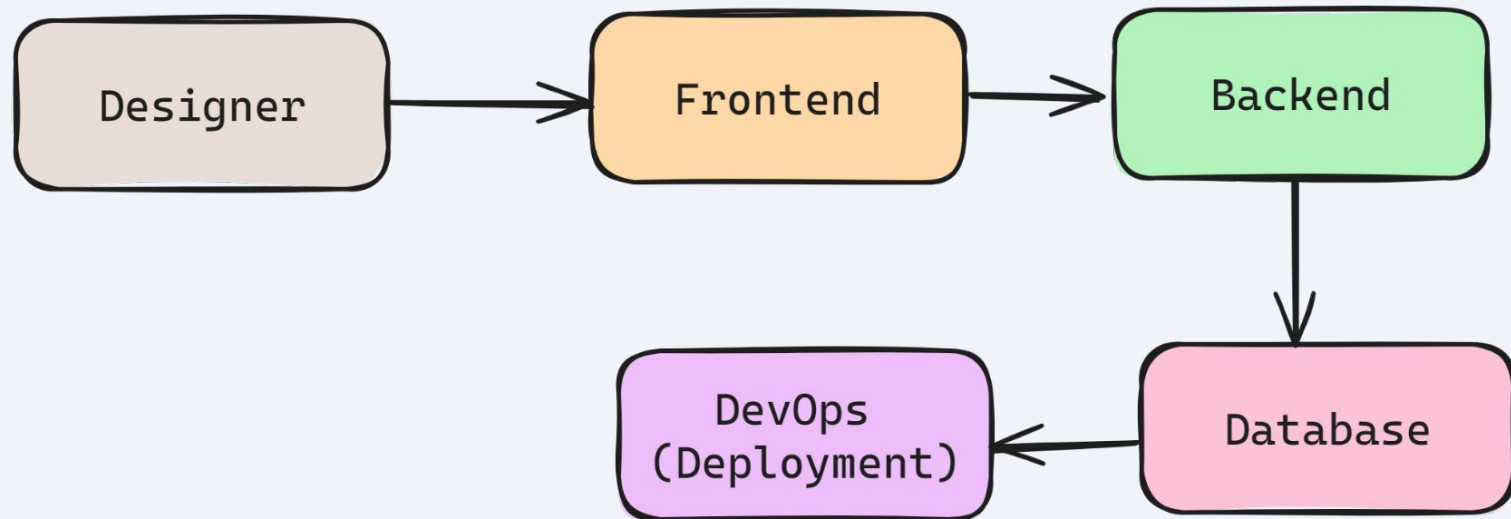
.NET Aspire is developer-centric!

**Developer is free to do whatever he/she
wants :)**

It's a shiny time for developers.`

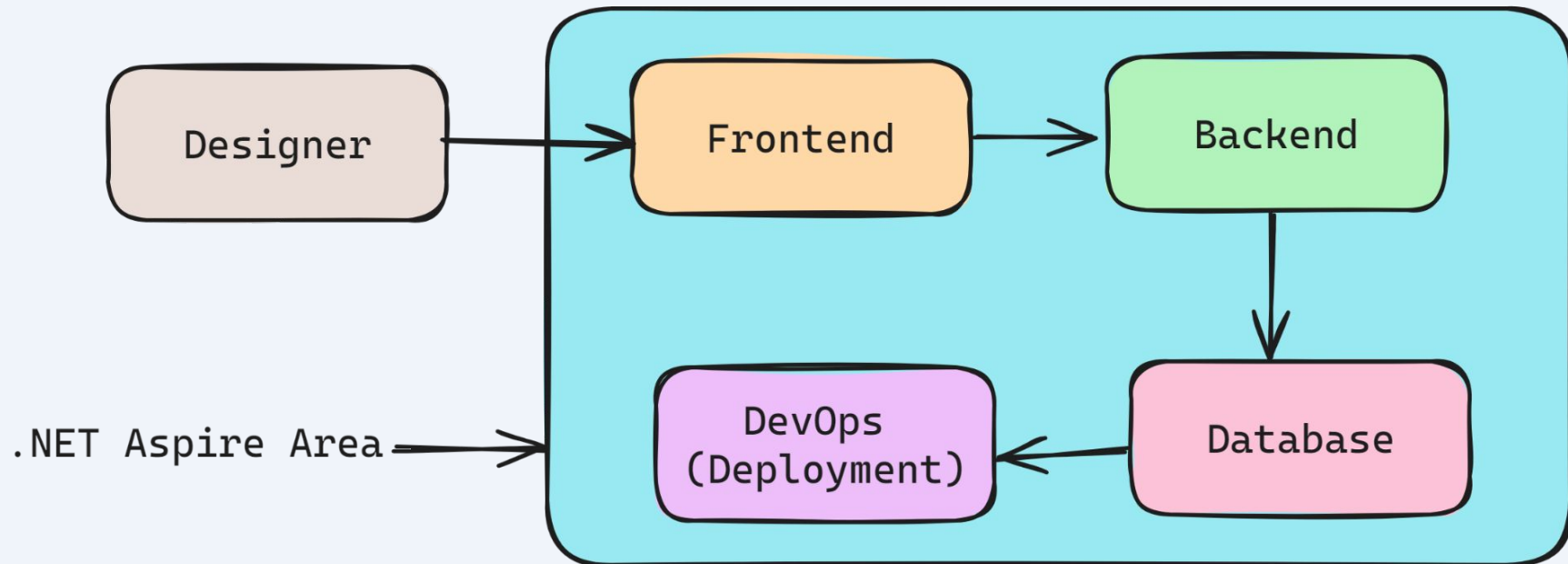


Different Parts of a Software





Different Parts of a Software





Why .NET Aspire?

Orchestration

Features for running and connecting multi-project applications and their dependencies

Components

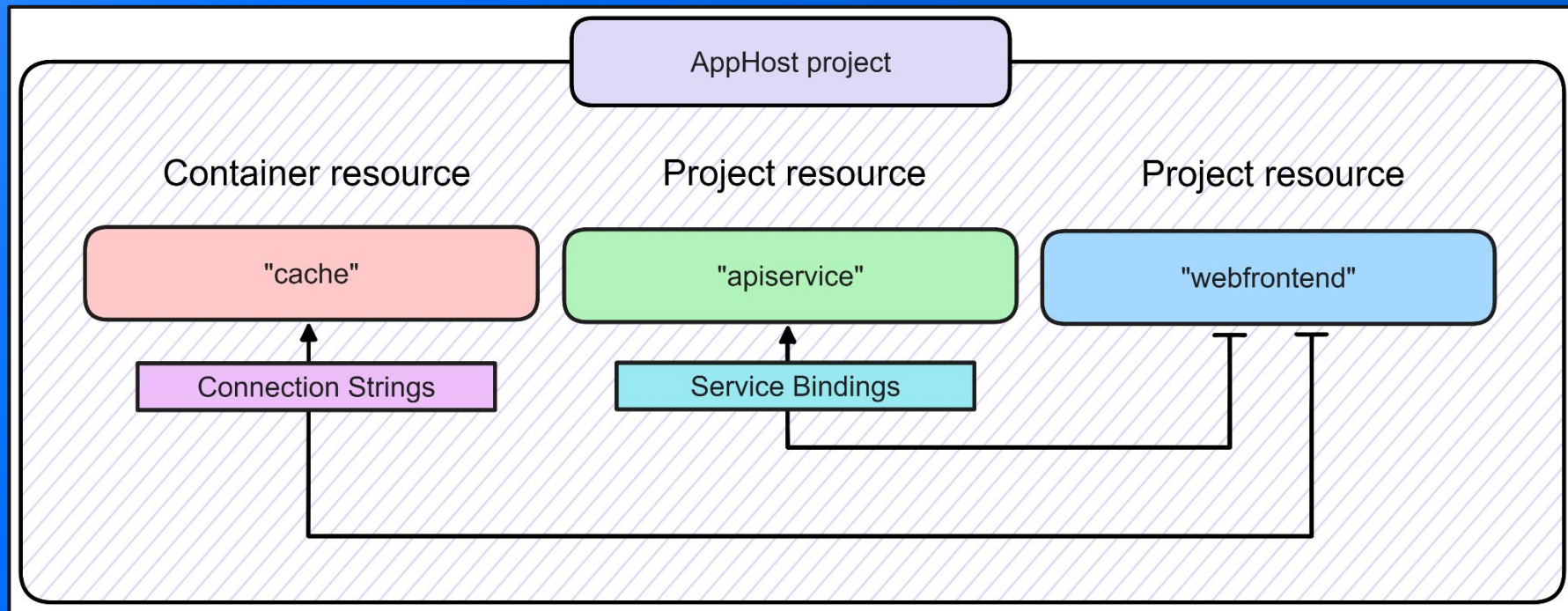
Components are NuGet packages for commonly used services, such as Redis or Postgres, with standardized interfaces ensuring they connect consistently and seamlessly with your app.

Tooling

Comes with project templates and tooling experiences for Visual Studio and the dotnet CLI help you create and interact with .NET Aspire apps.

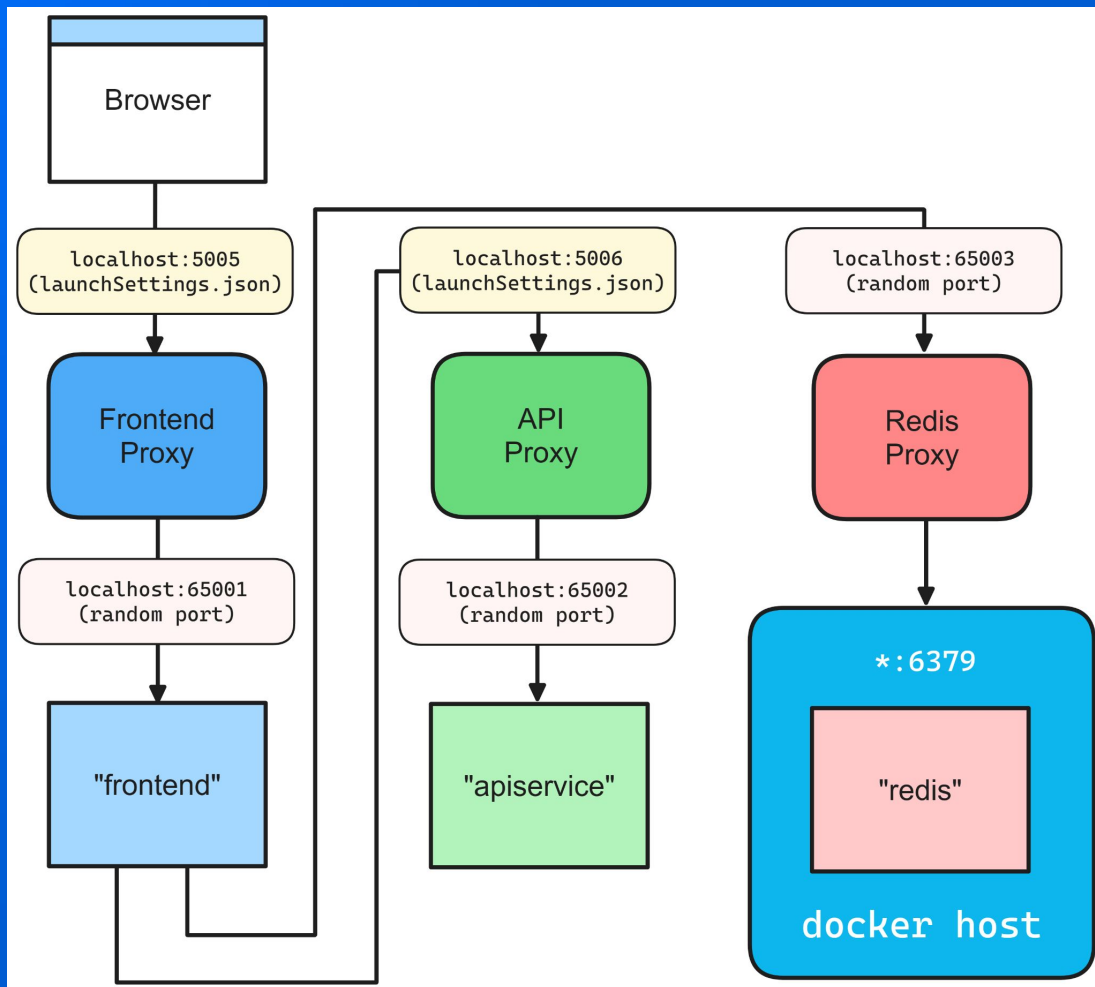


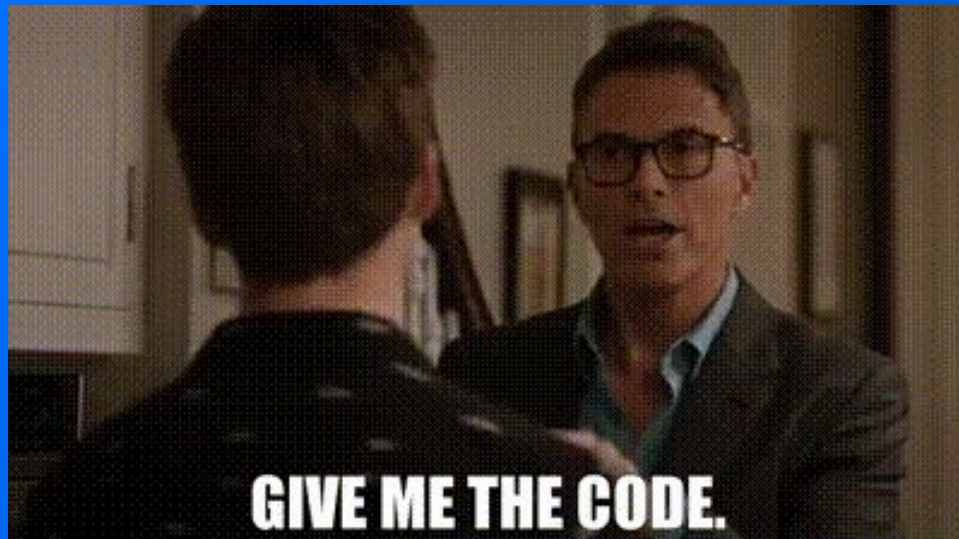
.NET Aspire Orchestrator





.NET Aspire Network proxy





Demo:

<https://github.com/sa-es-ir/AspireTemplate>



A Big Question?

How to **deploy** .NET Aspire??



There are
two ways:



Azure Container Apps



Kubernetes (using aspire)



Conclusion

.NET Aspire is a new and fast-growing cloud-ready stack, still in preview version but .NET community is working on it very hardly and in next years will use many more in production.



Thank you!

Q & A

Join me:

