

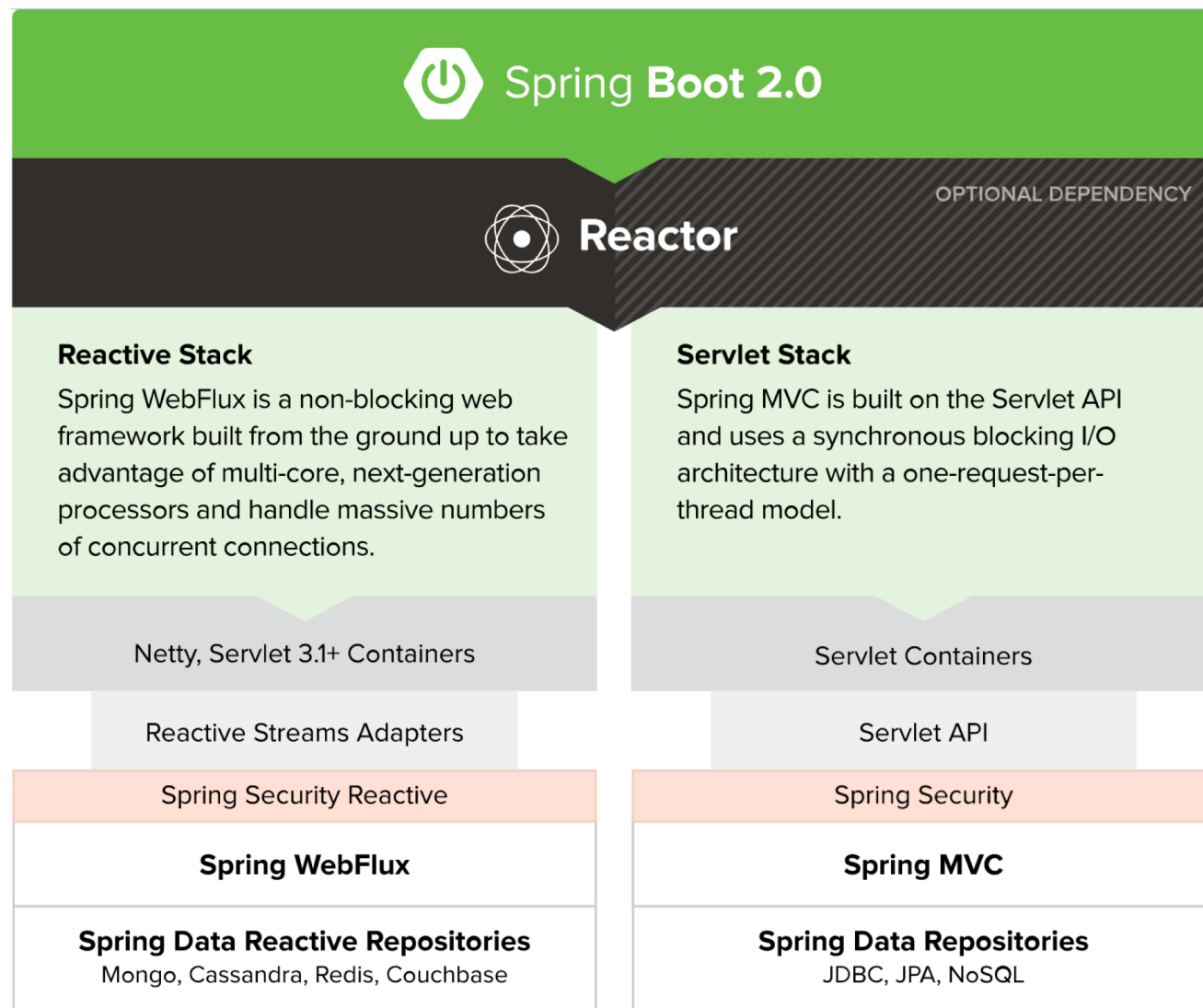
# Bootiful GraphQL with Kotlin

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# Spring Boot



<https://spring.io/>



## Query language for your APIs

```
type Attendee implements People {  
  name: String!  
  ticket: TicketType!  
}  
  
type Conference {  
  name: String!  
}  
  
interface People {  
  name: String!  
}  
  
type Query {  
  conference: Conference!  
  people(nameStartWith: String): [People!]!  
}
```



## Query language for your APIs

```
type Attendee implements People {  
  name: String!  
  ticket: TicketType!  
}  
  
type Conference {  
  name: String!  
}  
  
interface People {  
  name: String!  
}  
  
type Query {  
  conference: Conference!  
  people(nameStartsWith: String): [People!]!  
}
```

```
query {  
  conference {  
    name  
  }  
  people(nameStartsWith: "G") {  
    name  
    ... on Attendee {  
      ticket  
    }  
    ... on Speaker {  
      talks  
    }  
  }  
}
```

```
{  
  "data": {  
    "conference": {  
      "name": "KotlinConf 2019"  
    },  
    "people": [  
      {  
        "name": "Guillaume",  
        "talks": [  
          "GraphQL is awesome",  
          "GraphQL-Kotlin is even better"  
        ]  
      }  
    ]  
  }  
}
```



# Kotlin

## Why Kotlin?

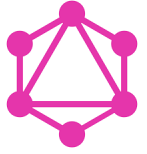
- Strong types
- Null-safety
- Data classes
- Interop with Java
- ... coroutines are also great

# | graphql-kotlin

- | Set of libraries for running GraphQL server in Kotlin
- | Code only GraphQL schema generation for Kotlin
- | Spring Boot auto-configuration library

# Demo





# Thank You



ExpediaGroup/graphql-kotlin



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