Communicating with a Parent Component

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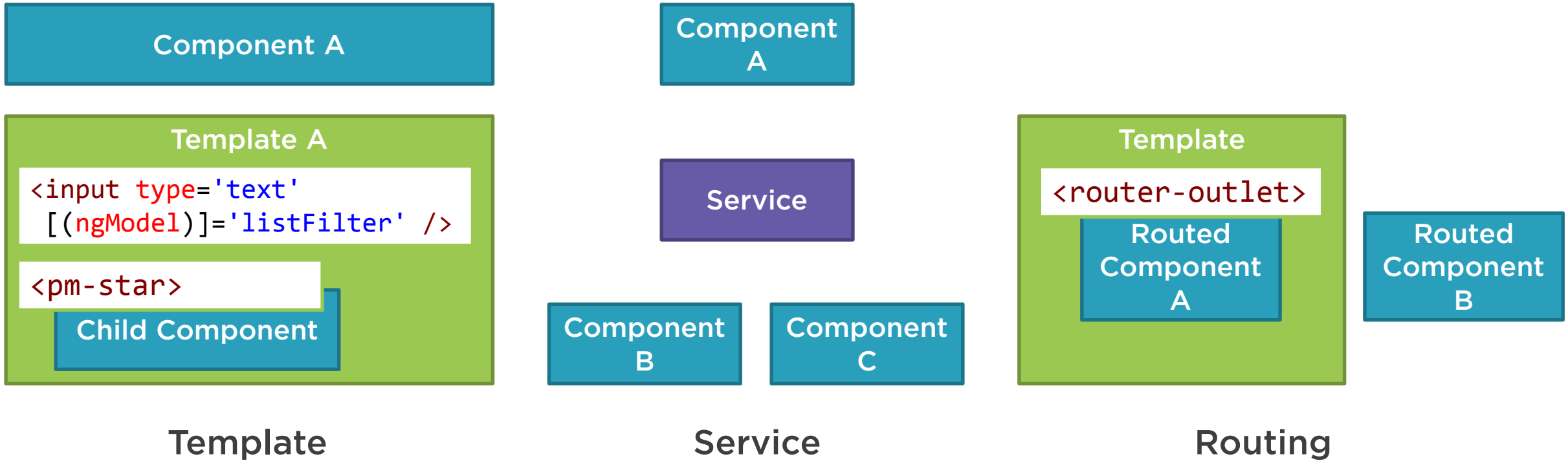
Component Communication



Module Overview

Child to Parent Communication

Output Properties

Parent to Child

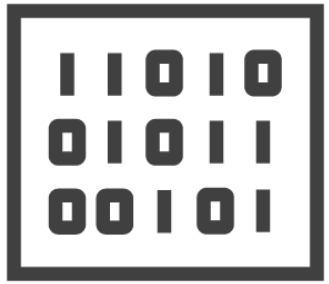
@Input

Getter/Setter

onChanges

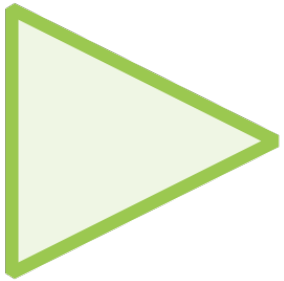
Configuration

Default value



Item data

Request information



Perform an Action

Template Reference Variable

@ViewChild

I'll refilter.
Thanks kiddo!
Hey Dad!
The user modified a value.
Parent Component
Child Component

Child to Parent

Event notification

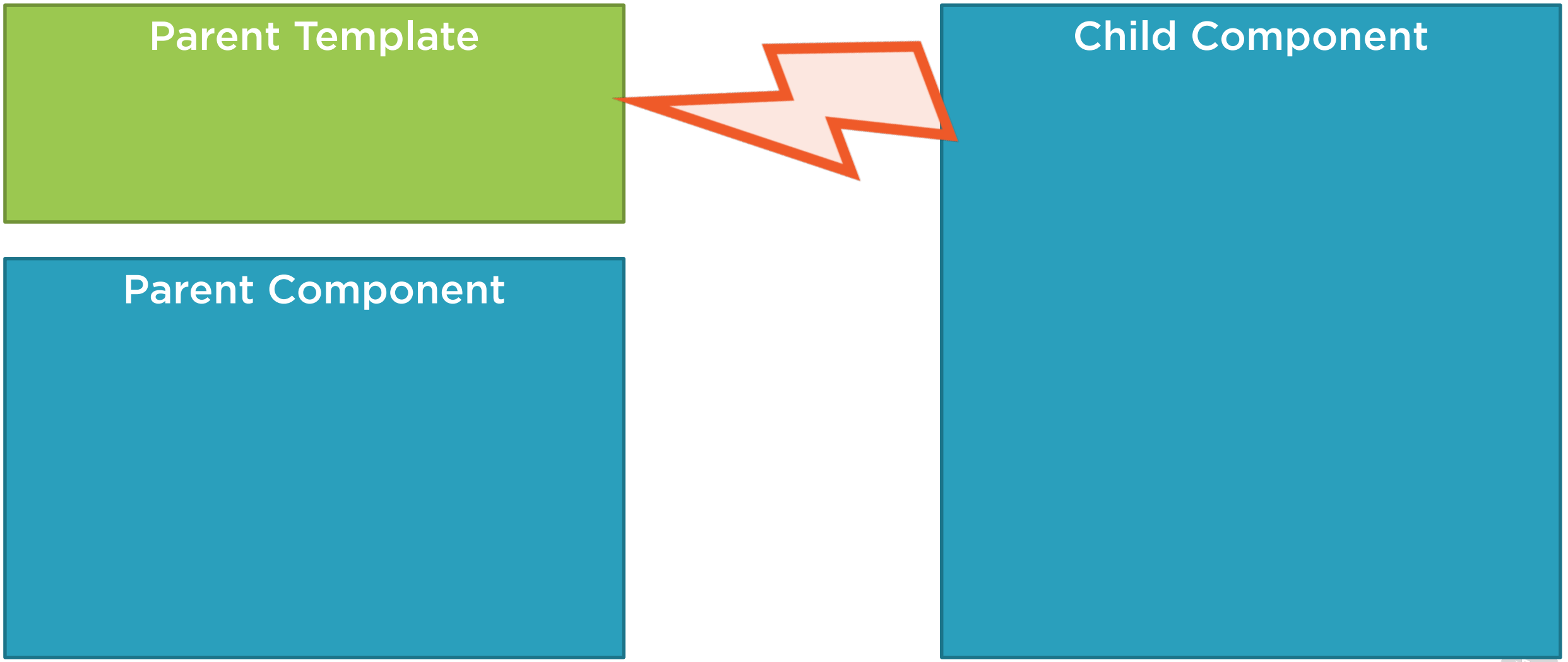
@Output

Provide information

Template Reference Variable

@ViewChild

Output: Notifying the Parent



Output: Notifying the Parent

Parent Template

```
<pm-criteria
   [displayDetail]='includeDetail'
   (valueChange)='onValueChange($event)'>
</pm-criteria>
```

Child Component

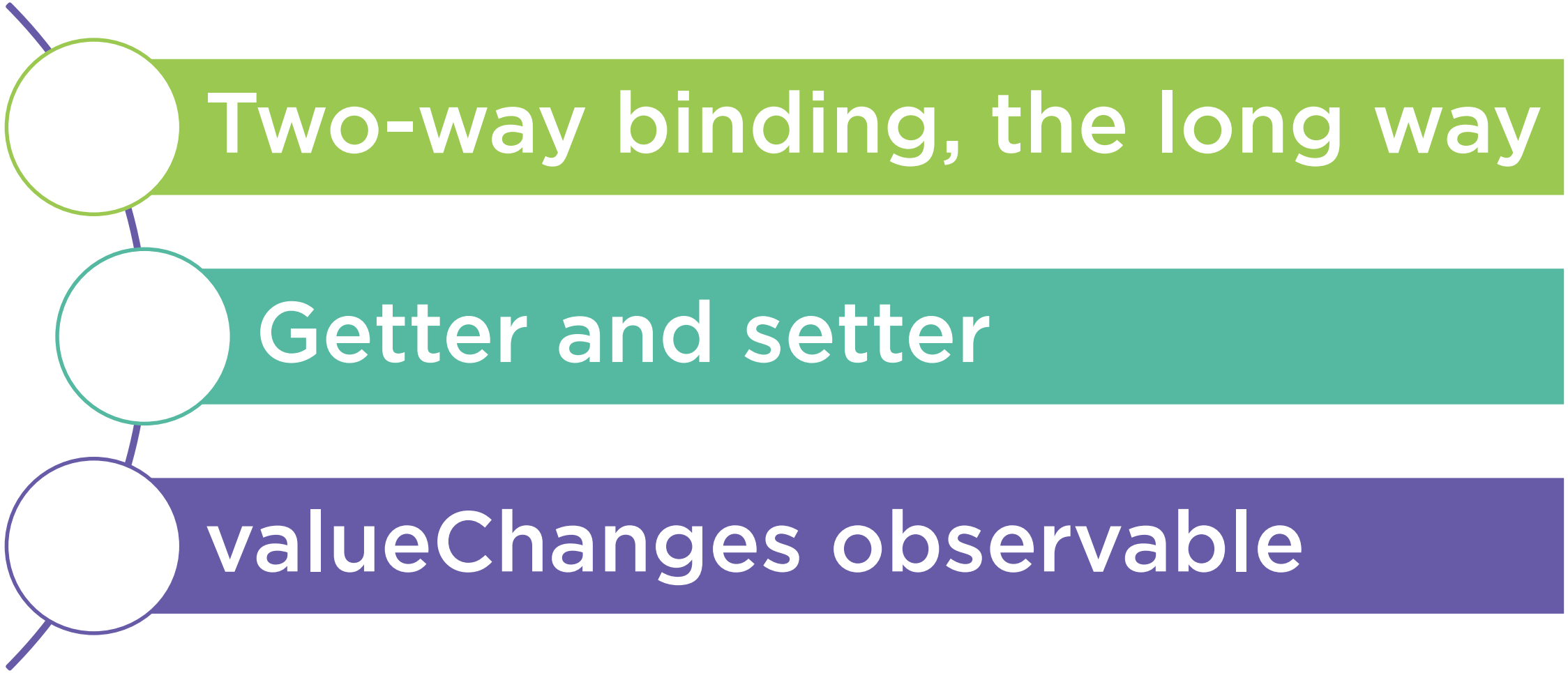
```
@Output() valueChange: EventEmitter<string>;
```

```
this.valueChange.emit(value);
```

Parent Component

```
onValueChange(value: string): void {
   this.performFilter(value);
}
```

Notifying the Component of User Changes



Guidelines & Summary: Communicating with a Parent Component

Child to Parent

Event notification

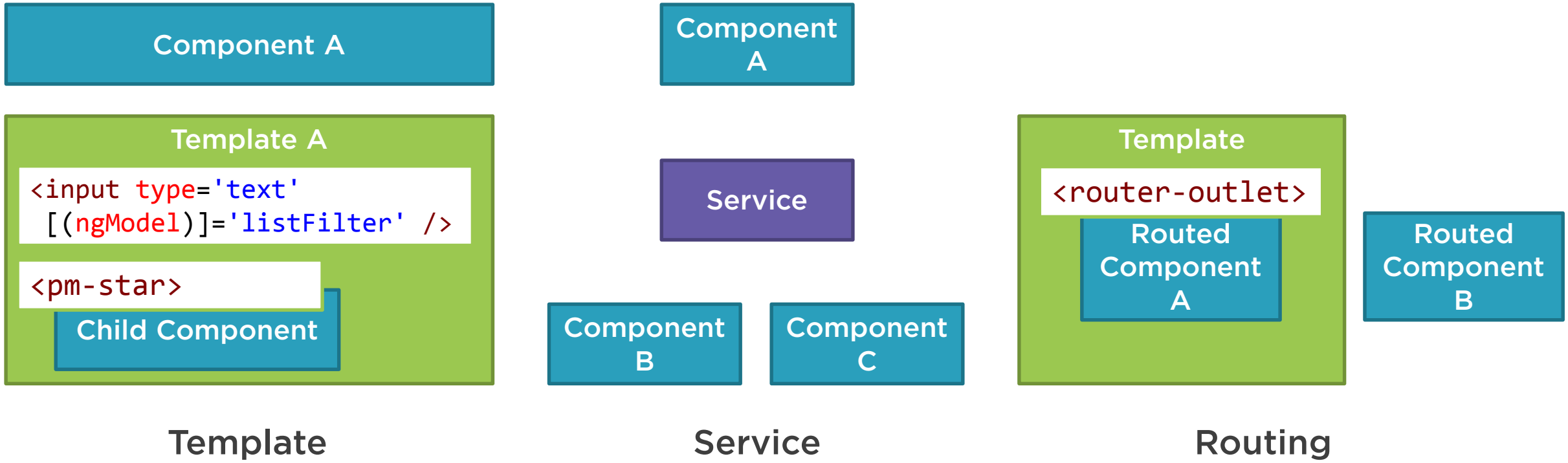
@Output

Output property:

- Notify parent of action
- Pass data to parent

Summary

Child to Parent Communication

Output Properties

Component Communication