Generating Complex Types Based on Existing Types

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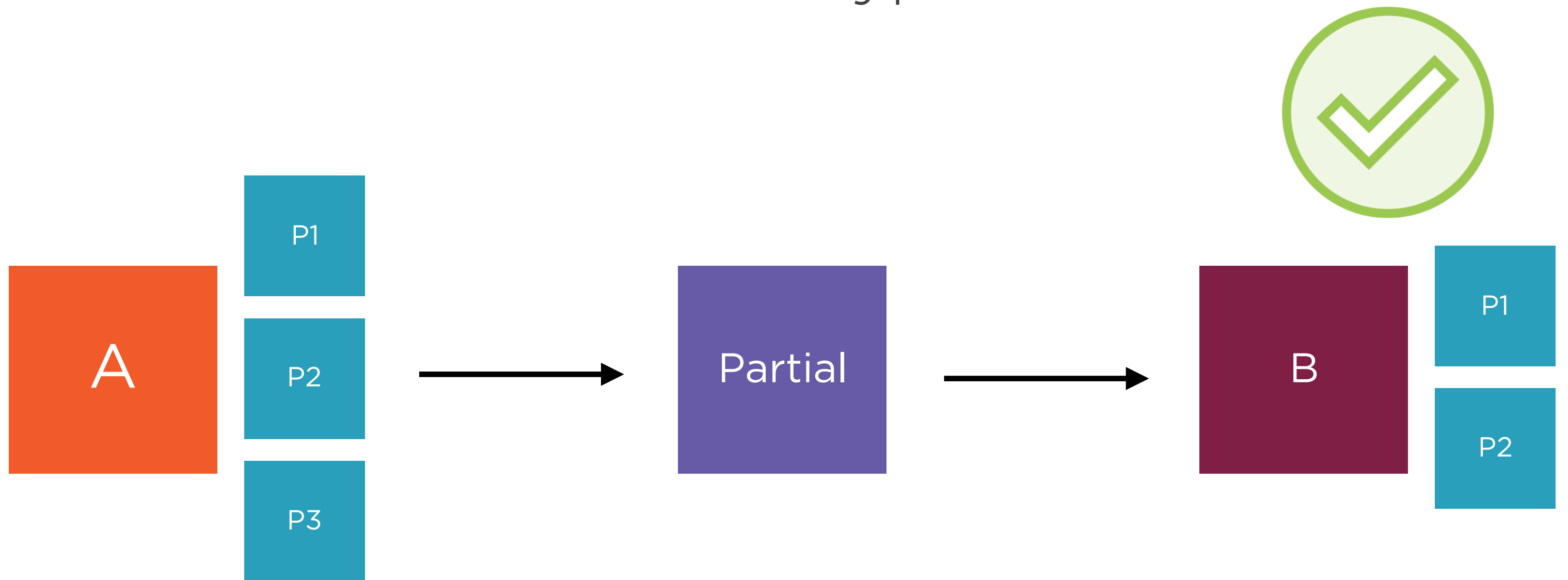@hendrikswan

Demo

Setting a Subset of Properties on an Object
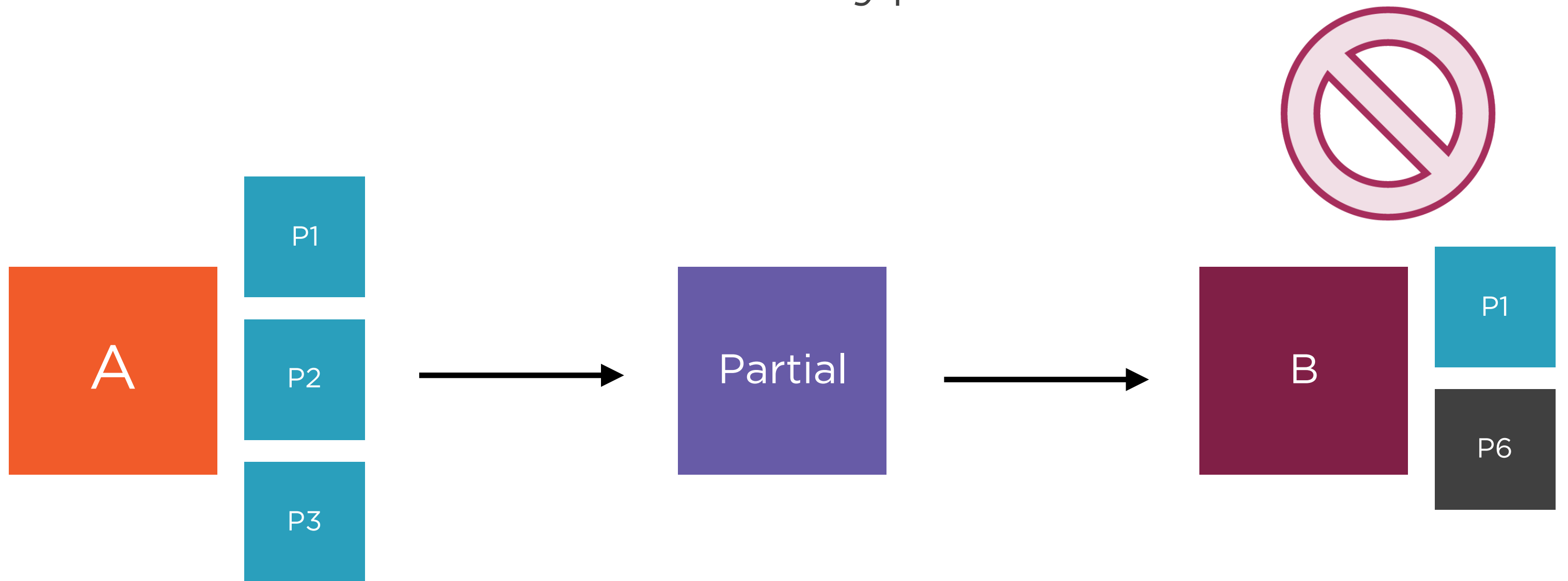
Demo

Using Partial to Allow Only a Valid Subset of a Type

Partial Types

Partial Types

Demo

- Combining Partial with Type Parameters

Demo

Ensuring That You Cover All the Properties from an Existing Type

```
type NewType = {
  [key in keyof (ExistingType)]: AnyTypeYouChoose;
};
```

Mapped Types

Demo

Excluding Properties from Mapped Types

Demo

Generating New Function Signatures

```
const logHandler = Symbol()
```

Defining a Symbol