

# Dynamically Adding Form Elements



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## Edit Contact



## Name/Info

Wanda

Giggleworth

11/08/1986



Favorites Ranking: 1

 Personal Contact

## Phone

555-123-4567

 Mobile  Work  Other

## Address

123 Merriment Avenue



Dorado City

Mezona

Z2345

Work

Reset

Save

# Overview

**Understanding FormArrays**

**Adding FormArrays to a form model**

**Dynamically adding form elements**





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# Understanding FormArrays

**FormArray**

**FormControl**

**FormControl**

**FormControl**

**FormControl**

**FormArray**

**FormGroup**

**FormControl**

**FormControl**

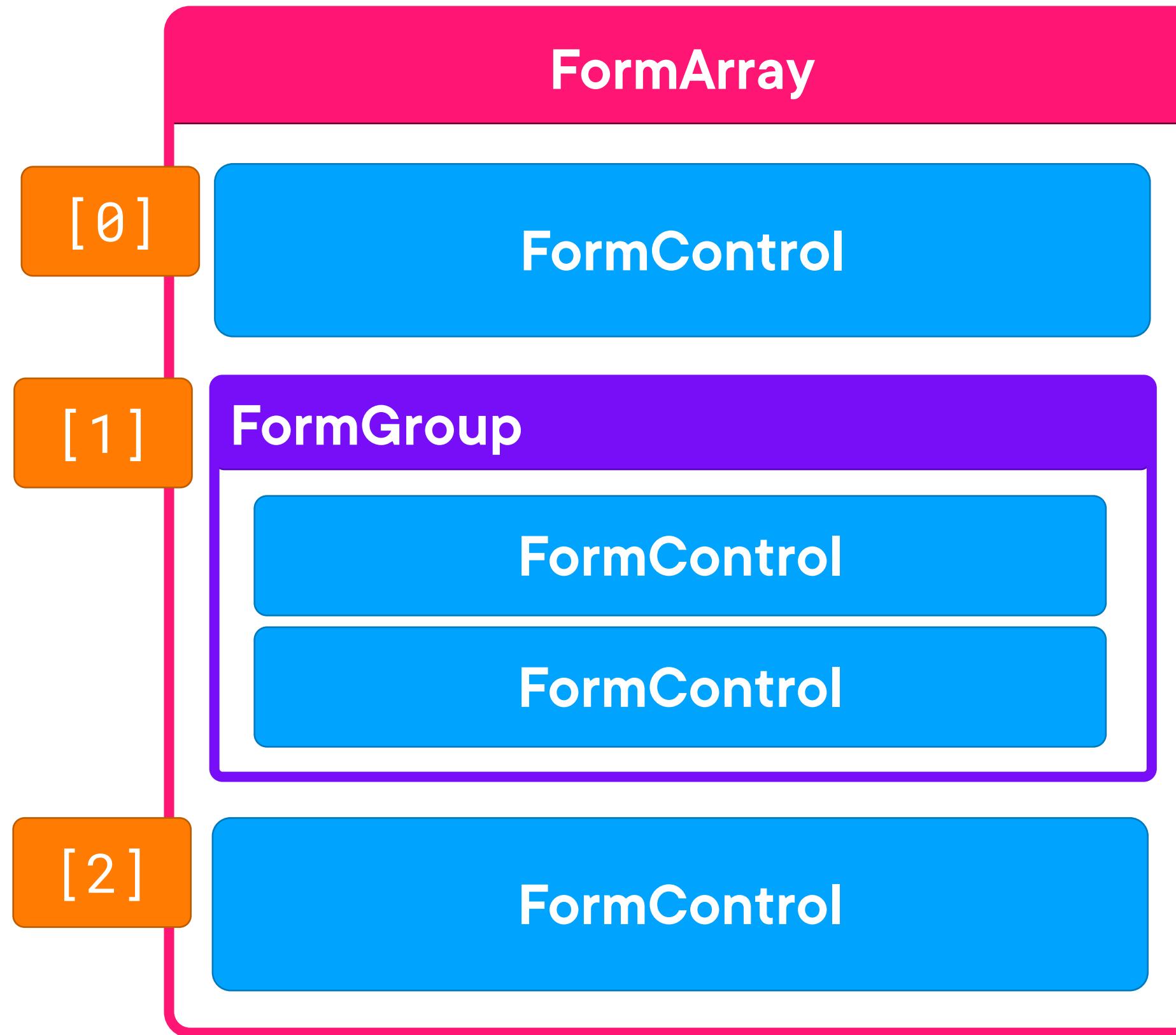
**FormGroup**

**FormControl**

**FormControl**



# Understanding FormArrays



# Creating FormArrays

```
contactForm = new FormGroup({  
  firstName: new FormControl(),  
  lastName: new FormControl(),  
});
```

```
phones = new FormArray([  
  new FormGroup({  
    phoneNum: new FormControl(),  
    phoneType: new FormControl(),  
  }),  
]);
```

```
contactForm = this.fb.group({  
  firstName: '',  
  lastName: '',  
});  
  
phones = this.fb.array([  
  this.fb.group({  
    phoneNum: new FormControl(),  
    phoneType: new FormControl(),  
  }),  
]);
```



# Creating FormArrays

```
phones = new FormArray([
  new FormGroup({
    phoneNum: new FormControl(),
    phoneType: new FormControl(),
  }),
  new FormGroup({
    phoneNum: new FormControl(),
    phoneType: new FormControl(),
  }),
]);
phones.push(new FormGroup(...));
```

```
phones = this.fb.array([
  this.fb.group({
    phoneNum: '',
    phoneType: '',
  }),
  this.fb.group({
    phoneNum: '',
    phoneType: '',
  }),
]);
phones.push(this.fb.group(...));
```



# Summary

**Understanding FormArrays**

**Adding FormArrays to a form model**

**Dynamically adding form elements**



**Up Next:**

# **Reacting to Changes**

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