

Typed Forms migration

As of Angular v14, the **AbstractControl** classes and **FormBuilder** methods have generic type parameters. Angular provides **Untyped** versions of the classes for opt-out. This migration:

- Identifies imports of these classes, and also imports the untyped versions.
- At all constructor sites, the typed symbol is replaced with the corresponding untyped symbol.

This migration is idempotent, i.e. it will not add duplicate imports that were added in a previous run. This migration also accounts for qualified imports, and will replace them as needed.

Before

```
import { Component } from '@angular/core';
import { AbstractControl, FormArray, FormBuilder, FormControl as FC, FormGroup, UntypedFormO

@Component({template: ''})
export class MyComponent {
  private _control = new FC(42);
  private _group = new FormGroup({});
  private _array = new FormArray([]);
  private _ungroup = new FormGroup({});

  private fb = new FormBuilder();

  build() {
    const c = this.fb.control(42);
    const g = this.fb.group({one: this.fb.control('')});
    const a = this.fb.array([42]);
    const fc2 = new FC(0);
  }
}
```

After

```
import { Component } from '@angular/core';
import { AbstractControl, FormArray, UntypedFormArray, FormBuilder, UntypedFormBuilder, Form

@Component({template: ''})
export class MyComponent {
  private _control = new UntypedFormControl(42);
  private _group = new UntypedFormGroup({});
  private _array = new UntypedFormArray([]);
  private _ungroup = new UntypedFormGroup({});

  private fb = new UntypedFormBuilder();
}
```

```
build() {  
  const c = this.fb.control(42);  
  const g = this.fb.group({one: this.fb.control('')});  
  const a = this.fb.array([42]);  
  const fc2 = new UntypedFormControl(0);  
}  
}
```