

```
class ActivityA {  
    void appelerActivityB() {  
        Intent intent = new Intent(ActivityA.this, ActivityB.class);  
  
        intent.putExtra("nom", "Toto");  
        intent.putExtra("age", 18);  
  
        startActivity(intent);  
    }  
}
```

```
Class ActivityB {  
    void onCreate(...) {  
        Intent intent = getIntent();  
  
        String nom = intent.getStringExtra("nom");  
        int age = intent.getIntExtra("age", 0);  
    }  
}
```

Dashed arrows connect the code snippets to show data flow: from `ActivityA.this` to `getIntent()`, from `ActivityB.class` to `getStringExtra("nom")`, and from `18` to `getIntExtra("age", 0)`. A solid green arrow points from the `startActivity(intent)` call in `ActivityA` to the `onCreate` method in `ActivityB`.

## Intent

appellant: **ActivityA**

appelé: **ActivityB**

"nom": "Toto"

"age": 18

onCreate(...)

## ActivityA

ActivityResult  
Launcher

launch(intent)

## ActivityB

# Intent

appellant: **ActivityA**  
appelé: **ActivityB**

"nom": "Toto"  
"age": 18

onCreate(...)

## ActivityA

**ActivityResult  
Launcher**

launch(intent)

## ActivityB

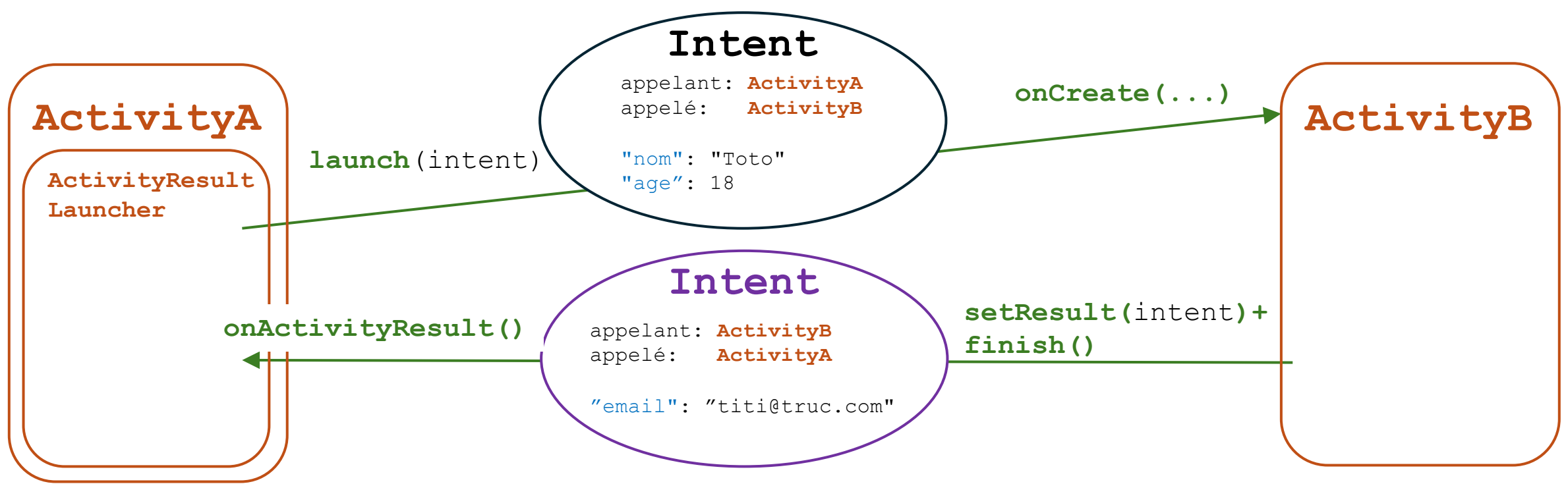
```
class ActivityA {  
    ActivityResultLauncher<Intent> launcher;
```

```
    void appelerActivityB() {  
        [...]  
        launcher.launch(intent);  
    }
```

```
    void creerLauncher() {  
        launcher = registerForActivityResult(  
            new ActivityResultContracts.StartActivityForResult(),  
            new ActivityResultCallback<ActivityResult>() {  
                public void onActivityResult(ActivityResult data) {  
                    [...]  
                }  
            }  
        );  
    }  
}
```

```
Class ActivityB {  
    void onCreate(...) {  
        Intent intent = getIntent();  
        [...]  
    }
```

```
    void envoyerResultat() {  
        [...]  
    }  
}
```



```

class ActivityA {
    ActivityResultLauncher<Intent> launcher;

    void appelerActivityB() {
        [...]
        launcher.launch(intent);
    }

    void creerLauncher() {
        launcher = registerForActivityResult(
            new ActivityResultContracts.StartActivityForResult(),
            new ActivityResultCallback<ActivityResult>() {
                public void onActivityResult(ActivityResult data) {

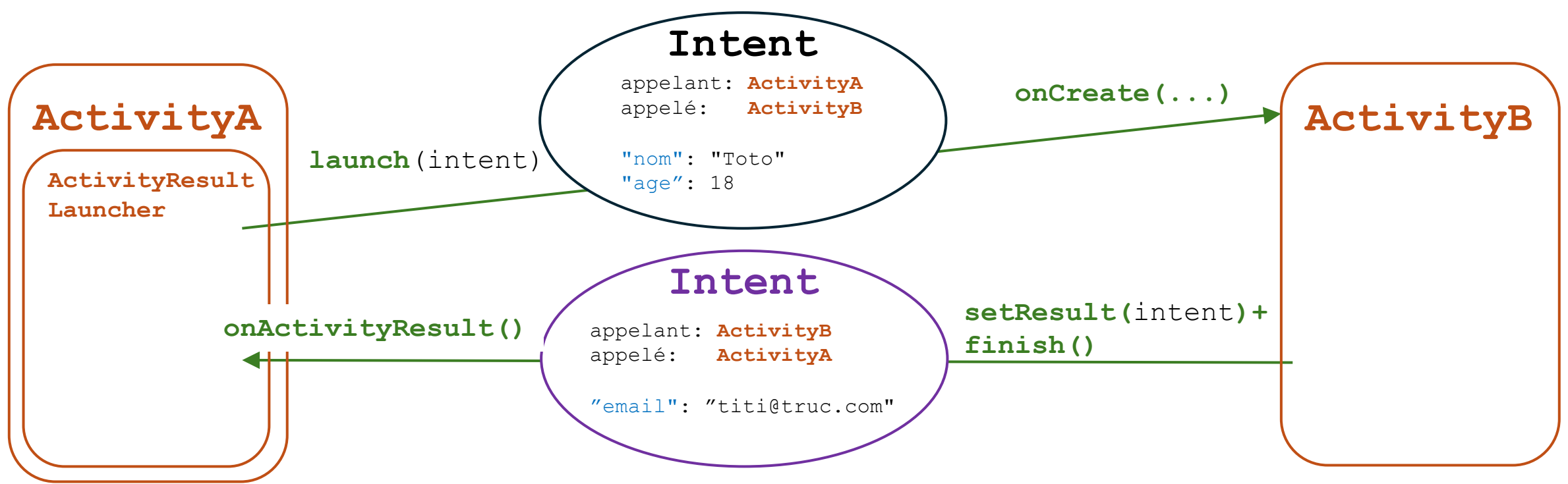
                }
            }
        );
    }
}
  
```

```

Class ActivityB {
    void onCreate(...) {
        Intent intent = getIntent();
        [...]
    }

    void envoyerResultat() {

    }
}
  
```



```
class ActivityA {  
    ActivityResultLauncher<Intent> launcher;  
  
    void appelerActivityB() {  
        [...]  
        launcher.launch(intent);  
    }  
  
    void creerLauncher() {  
        launcher = registerForActivityResult(  
            new ActivityResultContracts.StartActivityForResult(),  
            new ActivityResultCallback<ActivityResult>() {  
                public void onActivityResult(ActivityResult data) {  
                    Intent result = data.getData();  
                    String email = result.getStringExtra("email");  
                }  
            }  
        );  
    }  
}
```

```
Class ActivityB {  
    void onCreate(...) {  
        Intent intent = getIntent();  
        [...]  
    }  
  
    void envoyerResultat() {  
        Intent result = new Intent();  
        result.putExtra("email", "titi@truc.com");  
  
        setResult(RESULT_OK, result);  
        finish();  
    }  
}
```