


```
export class BooksPageEffects {
  @Effect()
  loadCollection$: Observable<Action> = this.actions$.pipe(
    ofType(BooksPageActionTypes.Load),
    exhaustMap(() =>
      this.googleBooksService.searchBooks('NgRx')
        .pipe(
          map(books => new BooksApi.LoadSuccessAction(books),
            catchError(error => of(new BooksApi.LoadFailAction(error))),
        )
    )
  );
}
```







EFFECTS TESTING STRATEGIES

- Use jasmine-marbles to verify the behavior of the input actions
- Use simpler observable constructs to test the inner observable

```
export class BooksPageEffects {
  @Effect()
  loadCollection$: Observable<Action> = this.actions$.pipe(
    ofType(BooksPageActionTypes.Load),
    exhaustMap(() =>
      this.googleBooksService.searchBooks('NgRx')
        .pipe(
          map(books => new BooksApi.LoadSuccessAction(books),
            catchError(error => of(new BooksApi.LoadFailAction(error))),
          )
        )
    );
}
```