



# debounceTime

```
// Wait for the user to type a query
```

```
const suggestions$ = inputText$.pipe(  
    debounceTime(300),  
    switchMap(query => fetchPossibleValuesFromAPI(query))  
);
```



# filter

```
// Wait for the user to type a query that contains 3+ chars
```

```
const suggestions$ = inputText$.pipe(  
  debounceTime(300),  
  filter(query => query.length > 2),  
  switchMap(query => fetchPossibleValuesFromAPI(query))  
);
```