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Rxjs

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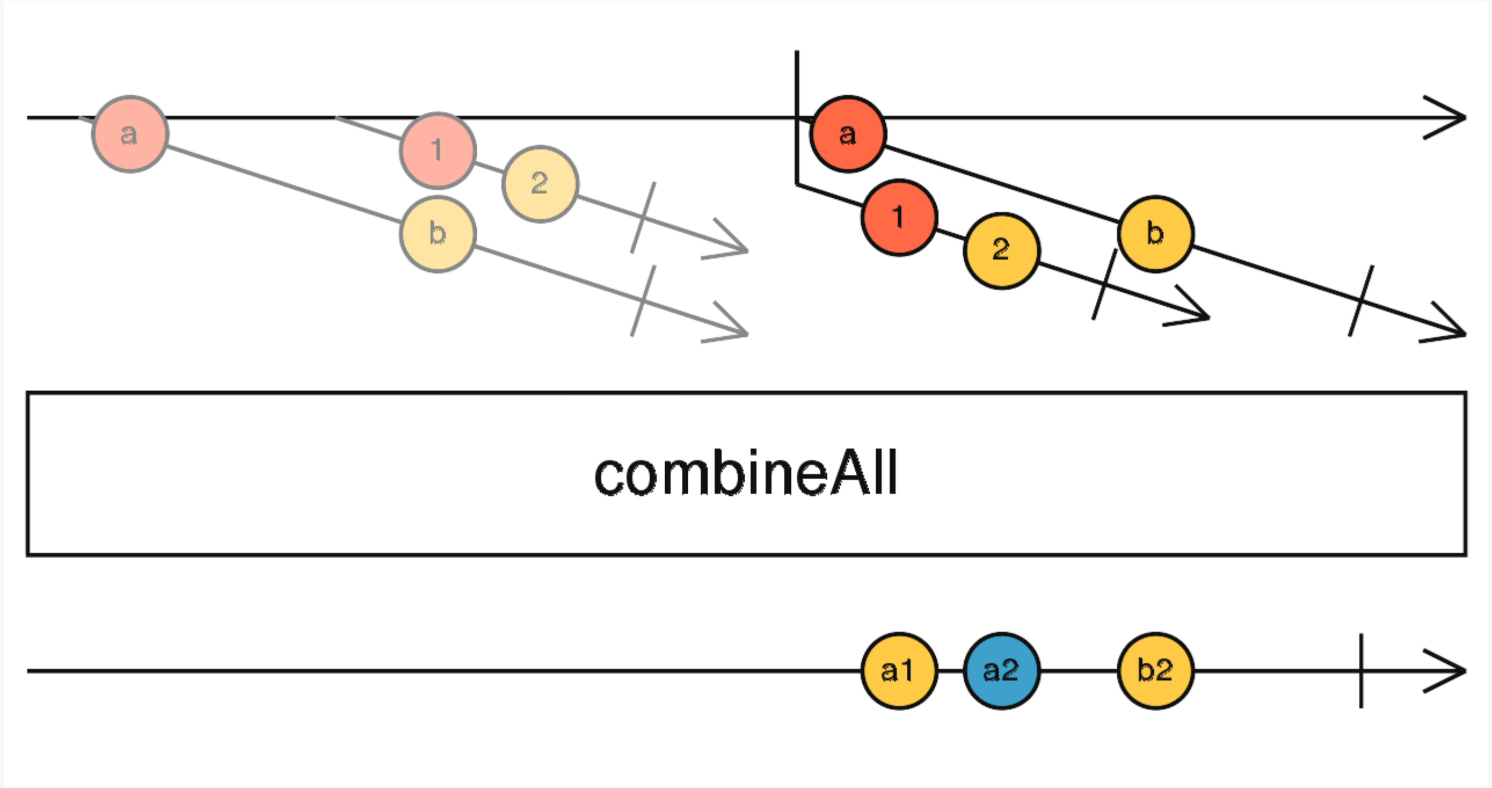
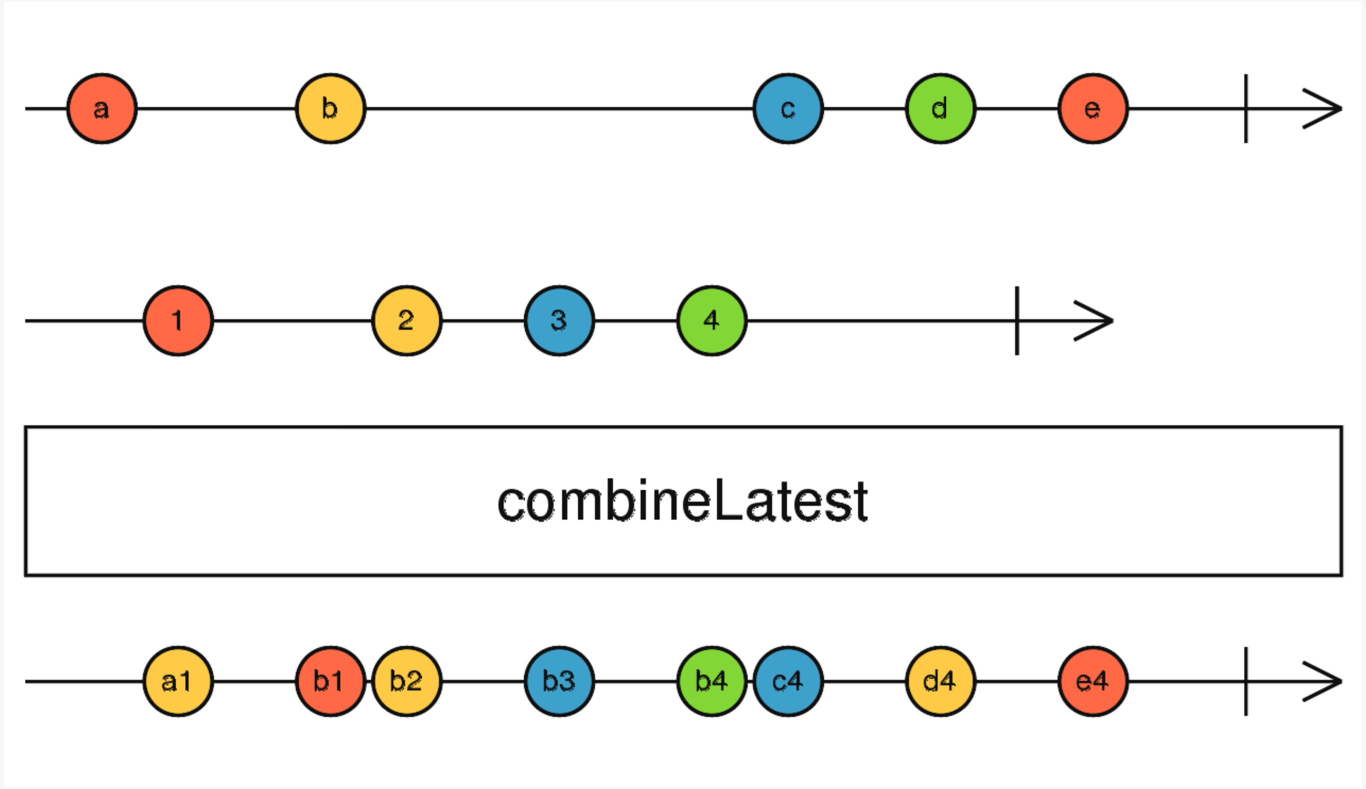
RxJs - Combination

- combineAll
- combineLatest ☆
- concat ☆
- concatAll
- endWith
- forkJoin
- merge ☆
- mergeAll
- pairwise
- race
- startWith ☆
- withLatestFrom ☆
- zip

RxJs - CombineAll



RxJs - CombineLatest



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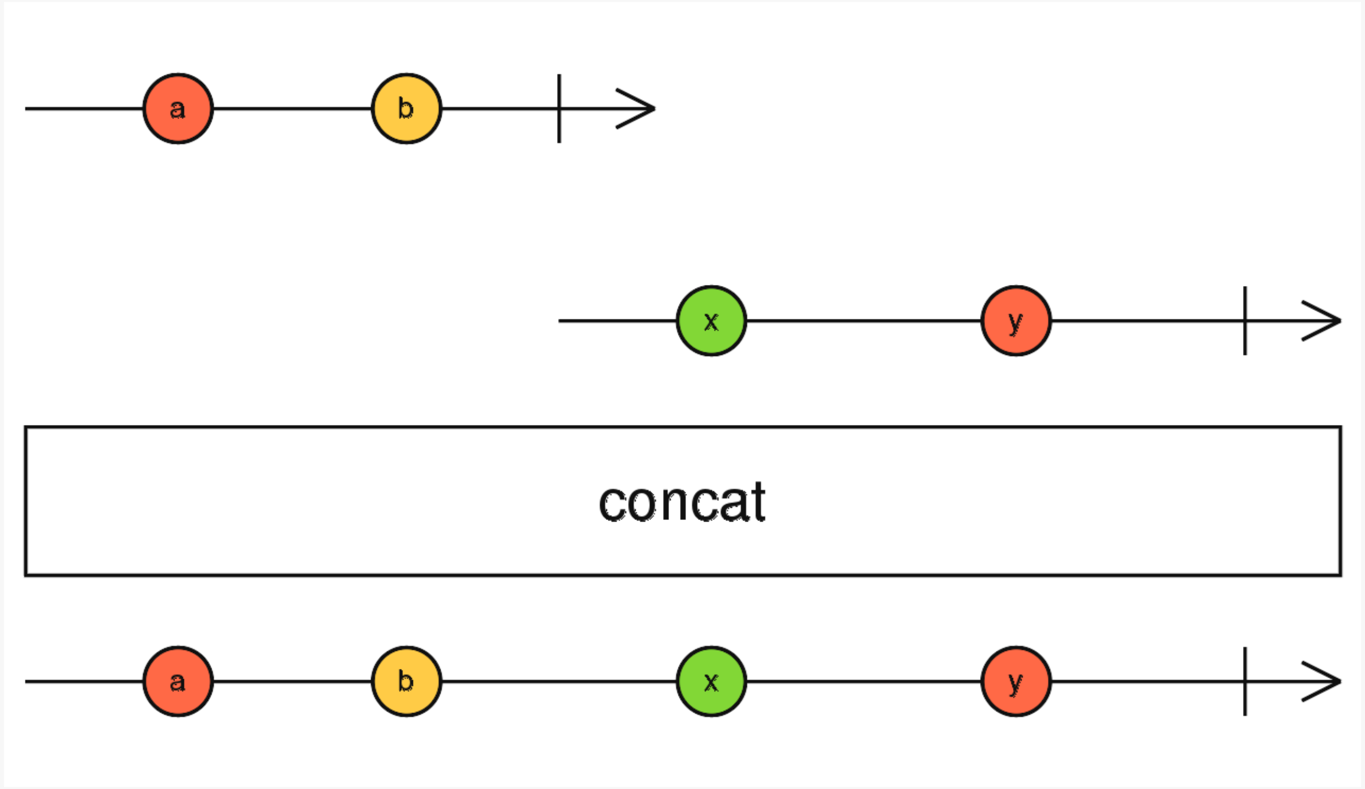
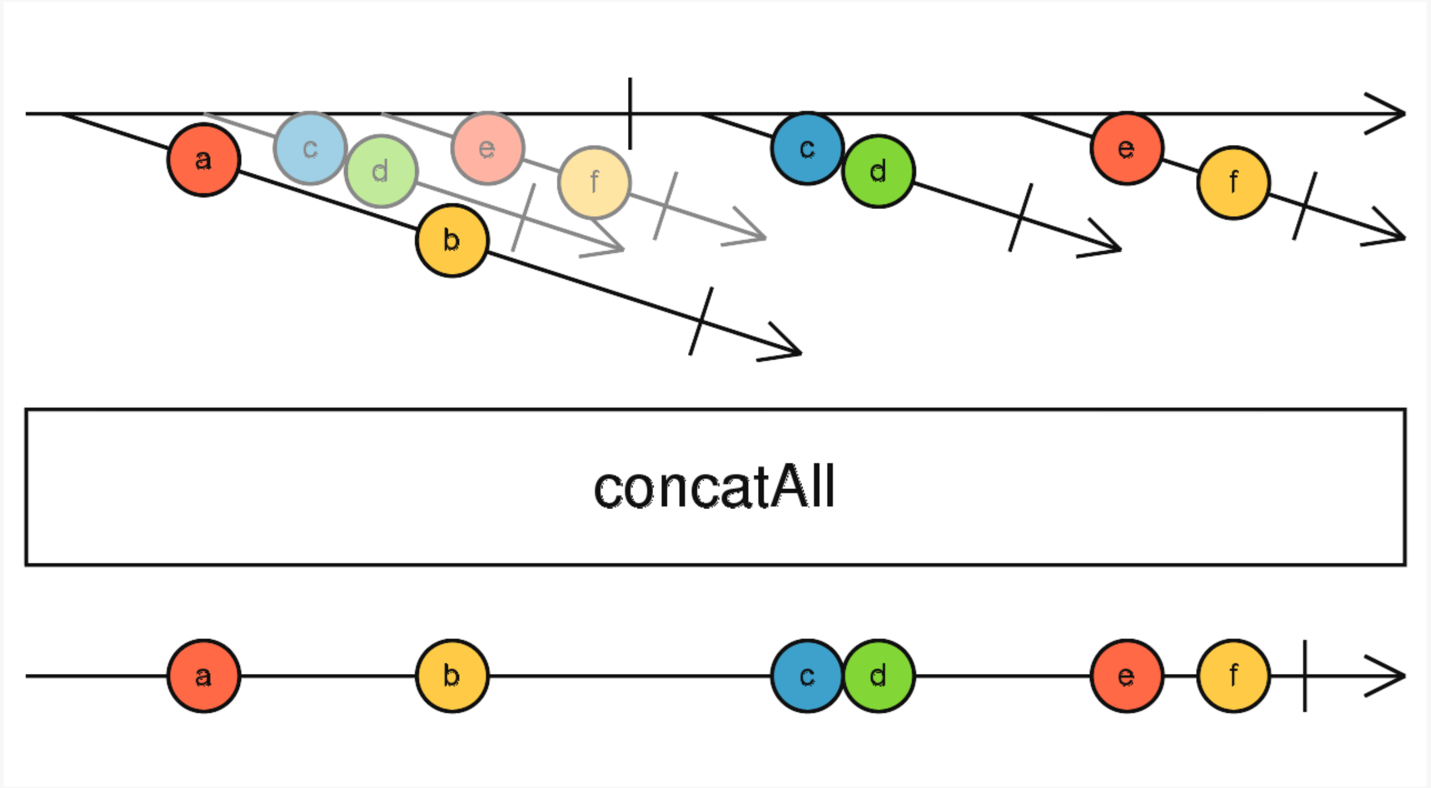
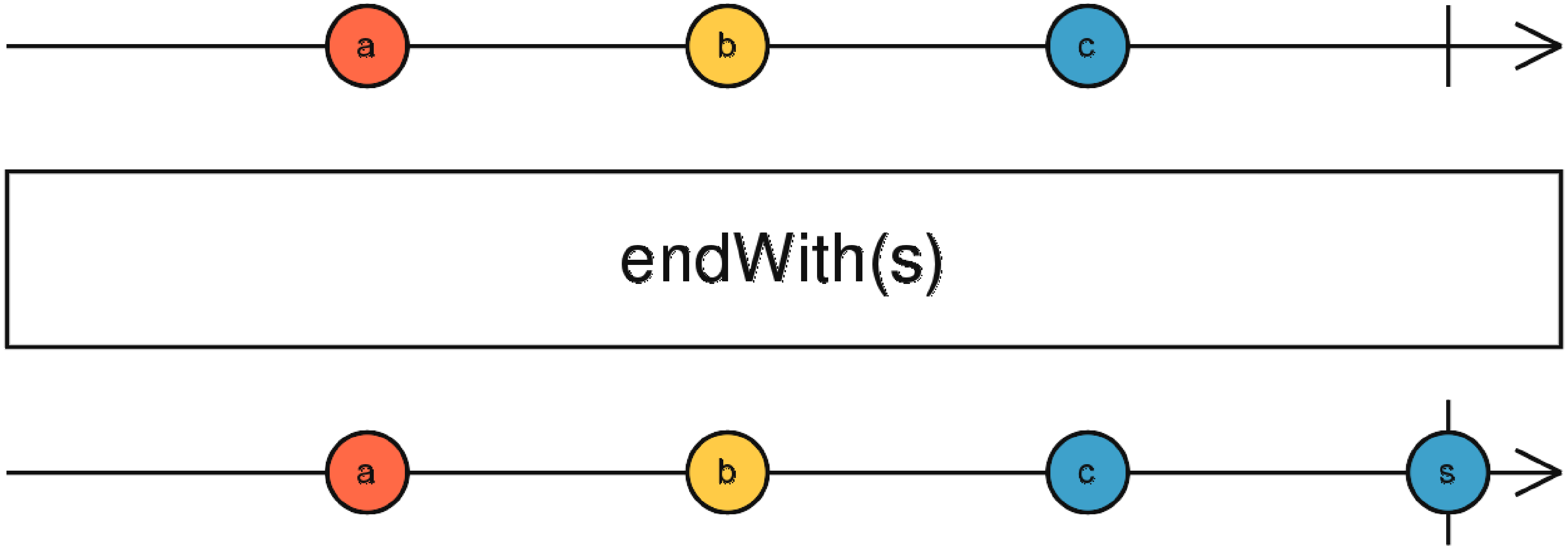
RxJs - Concat



RxJs - ConcatAll



RxJs - EndWith



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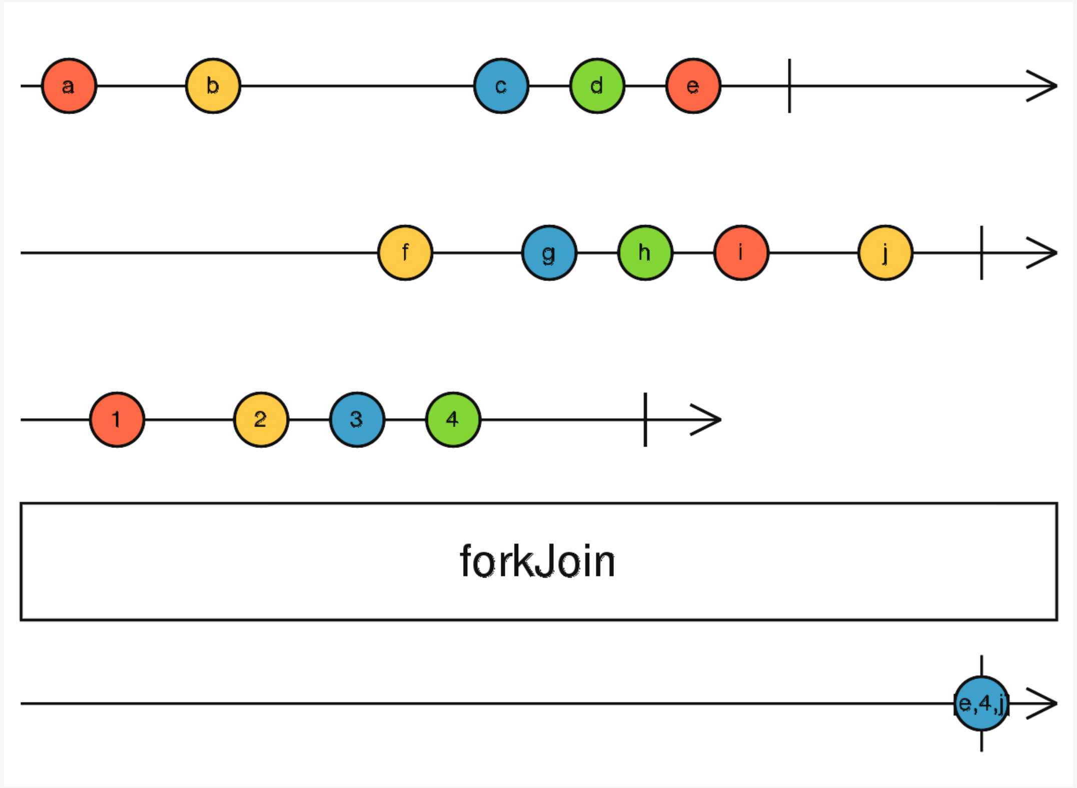
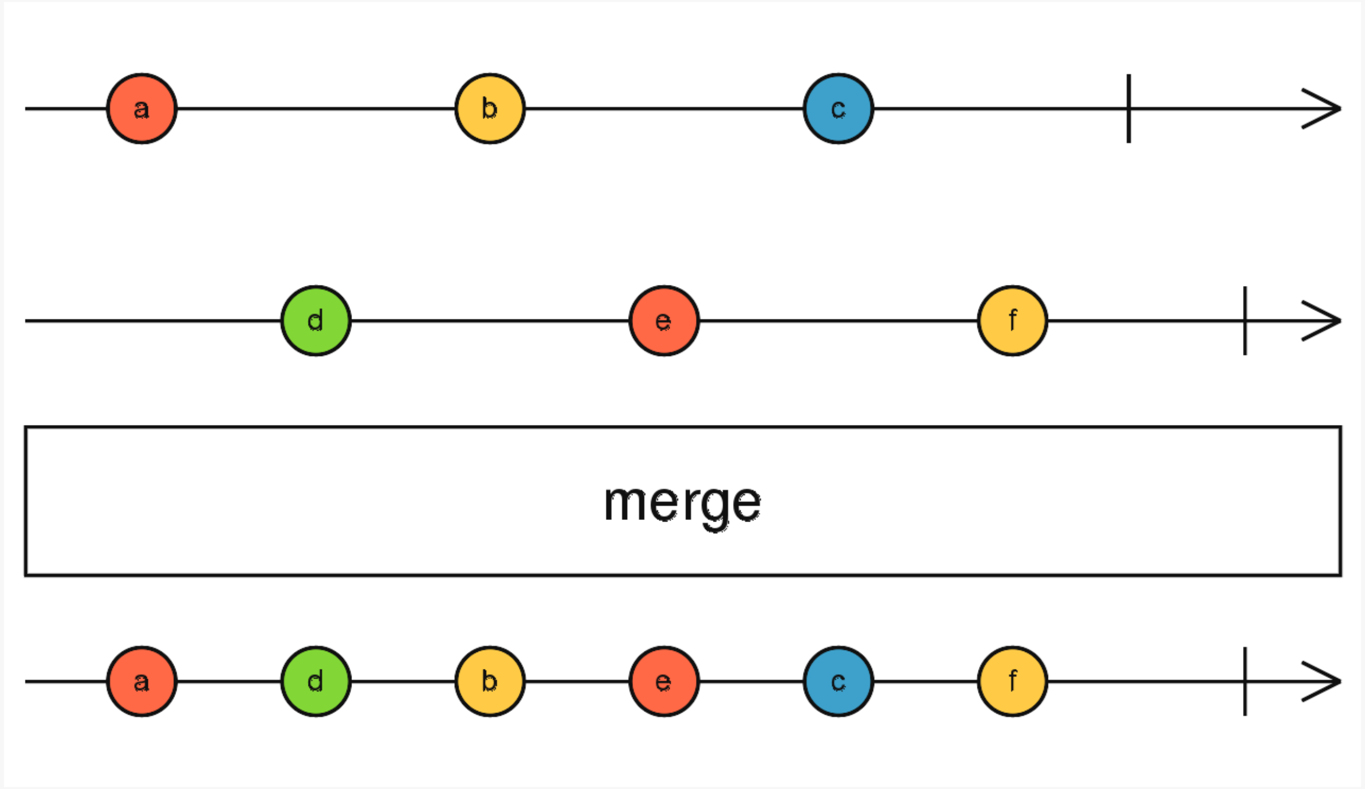
RxJs - ForkJoin



RxJs - Merge



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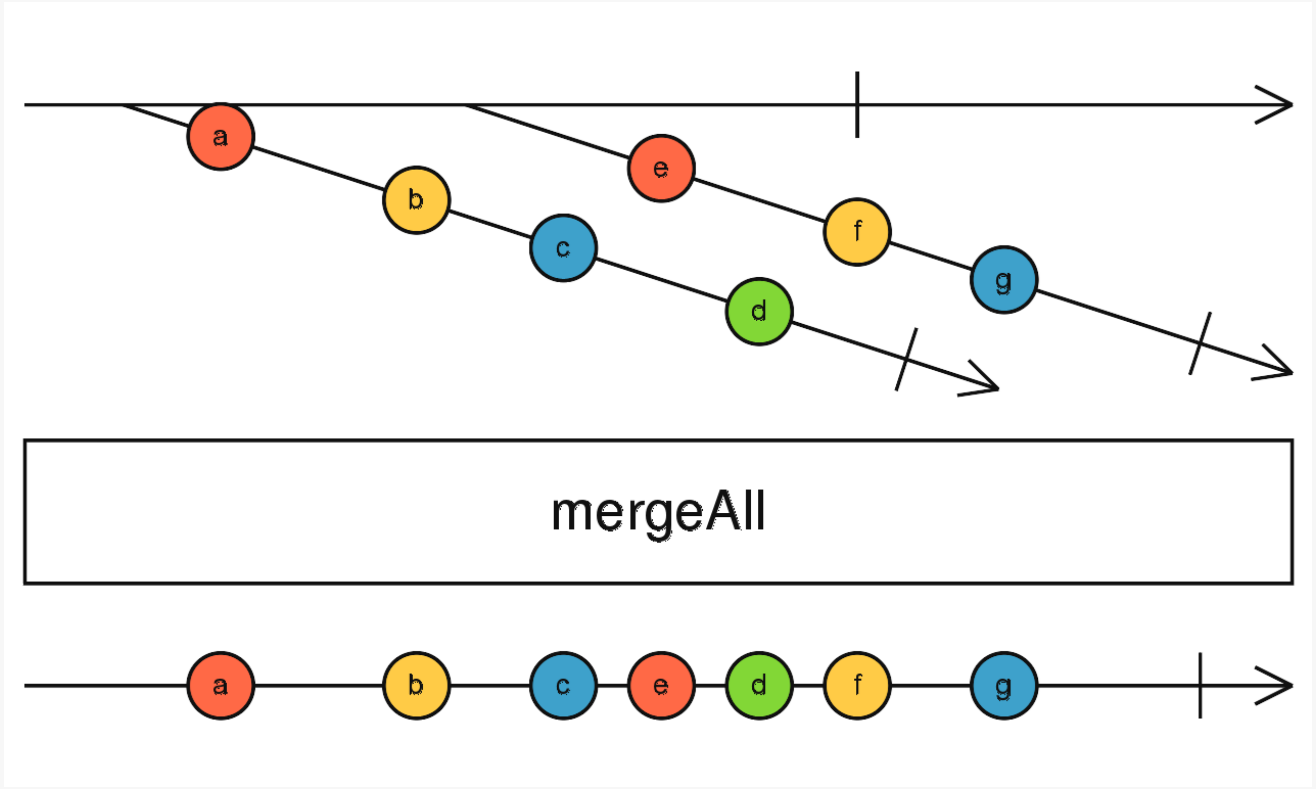
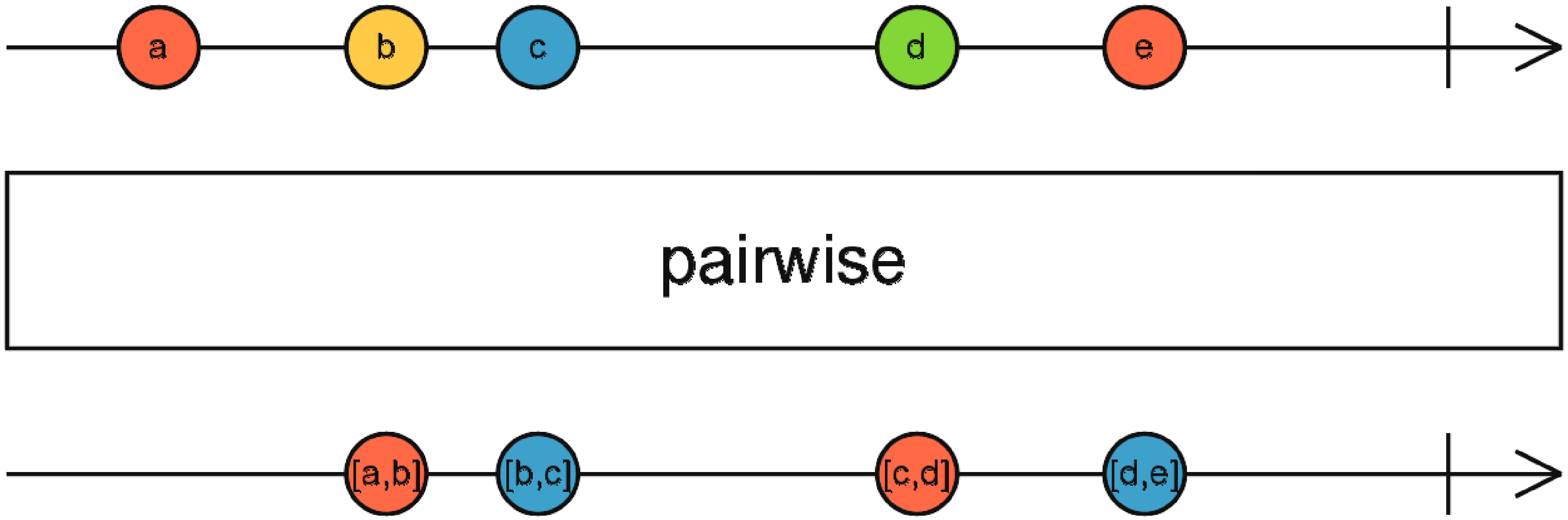
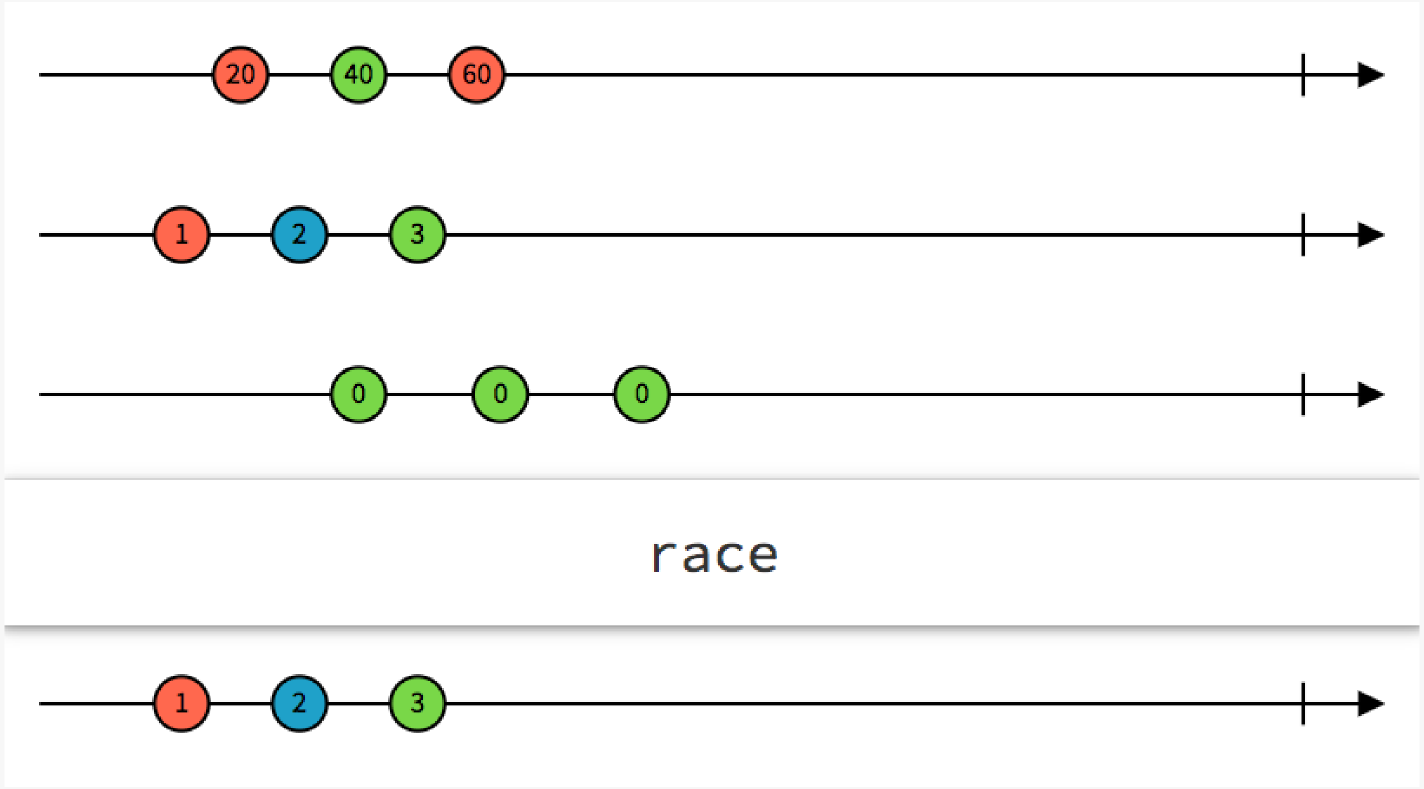
RxJs - MergeAll



RxJs - Pairwise



RxJs - Race



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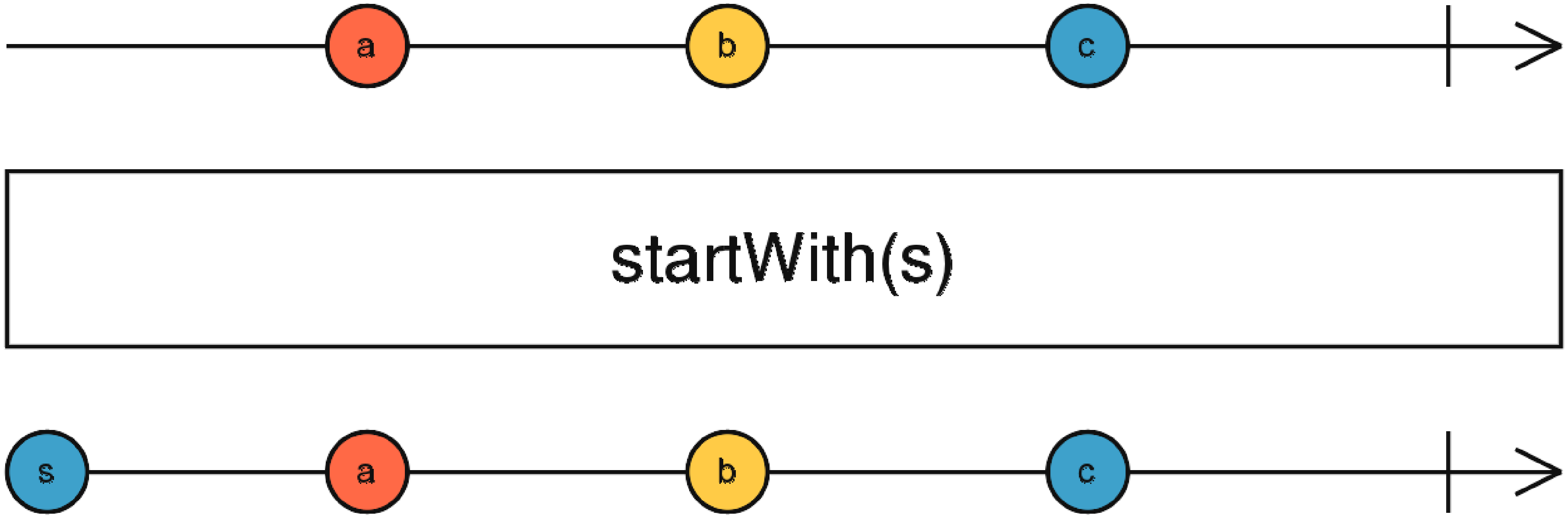
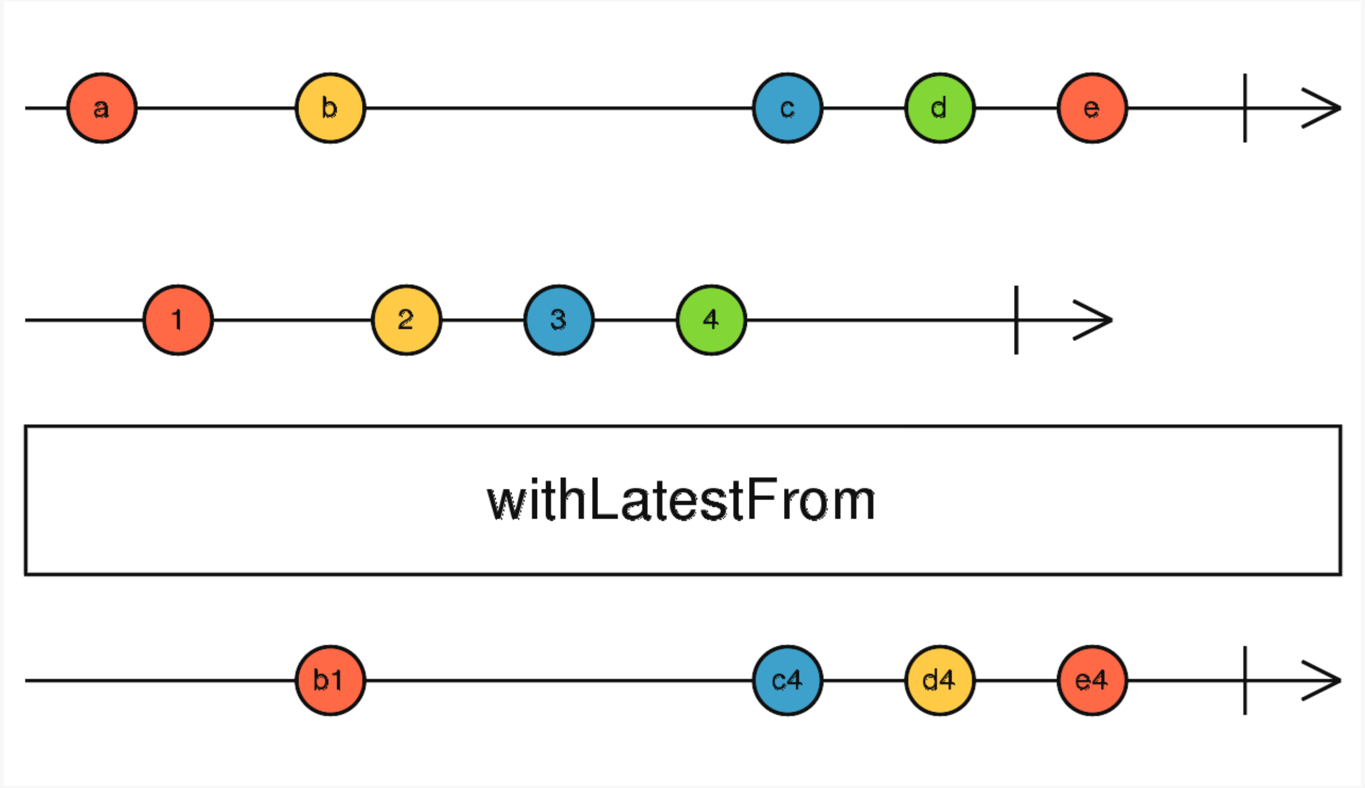
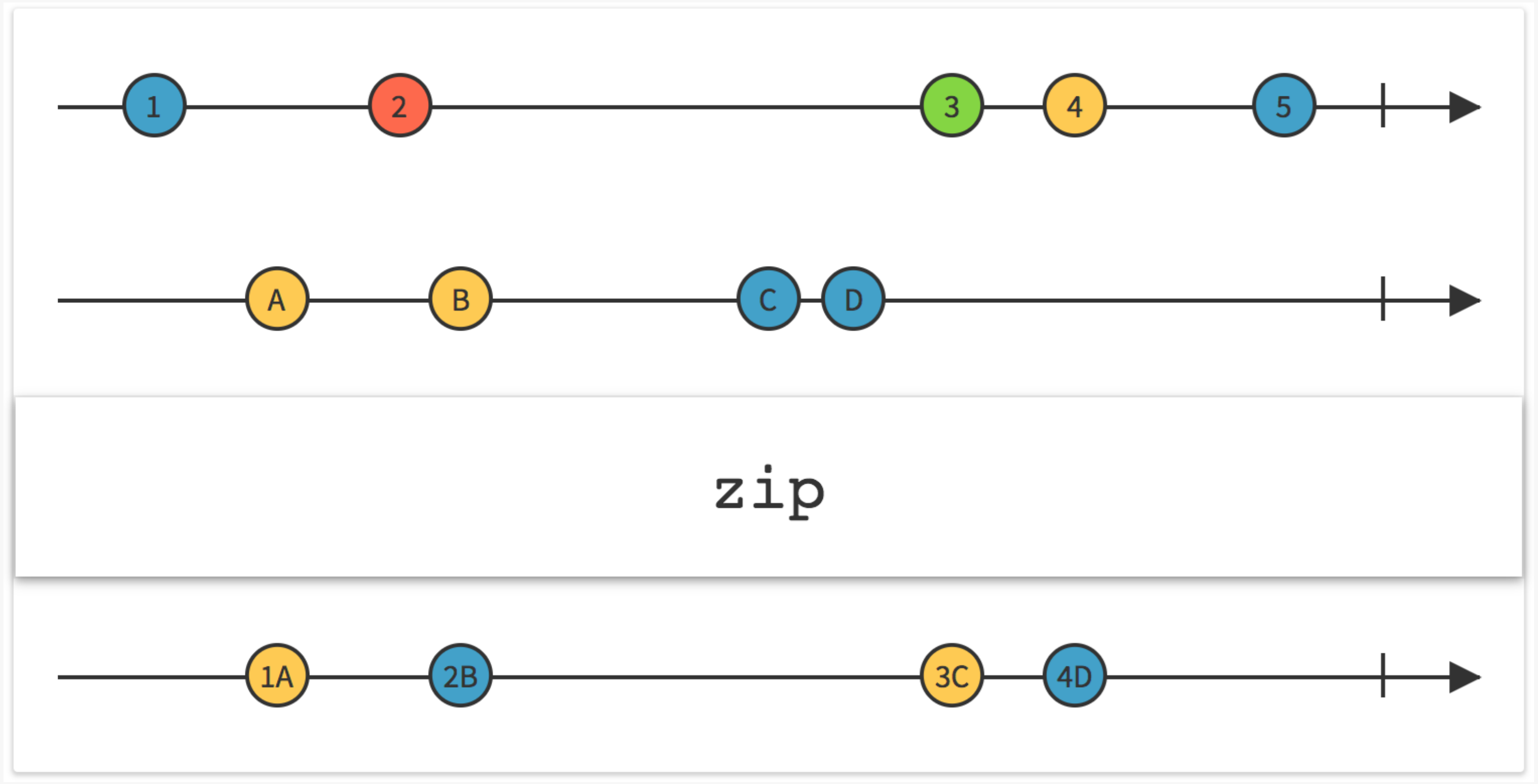
RxJs - Startwith



RxJs - WithLatestFrom



RxJs - Zip



RxJs - Conditional

- `defaultIfEmpty`
- `every`
- `iif`
- `sequenceequal`

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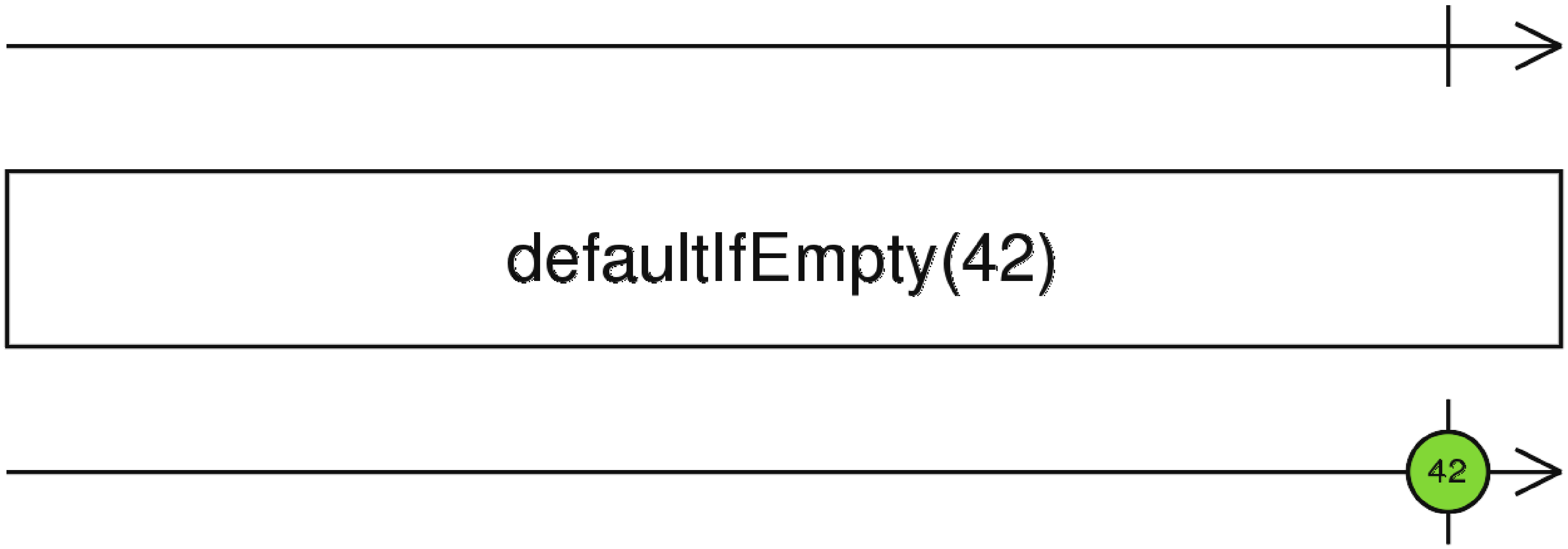
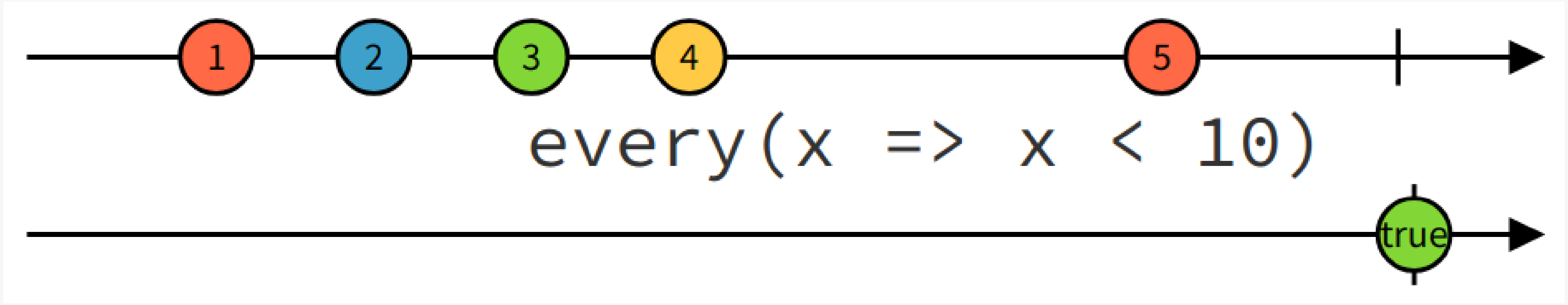
RxJs - DefaultIfEmpty



RxJs - Every



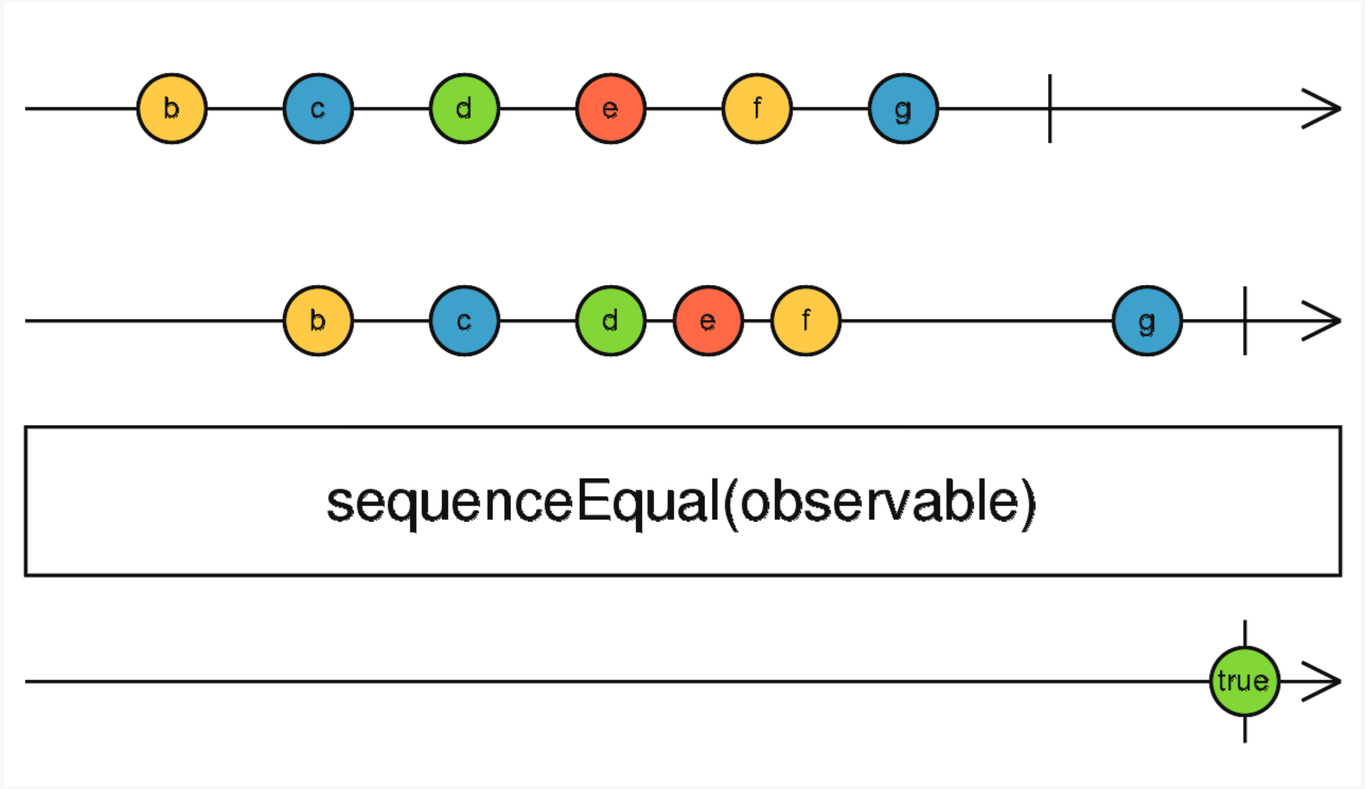
RxJs - IIF

```
const r$ = of('R');
const x$ = of('X');

interval(1000)
    .pipe(mergeMap(v => iif(() => v % 4 === 0, r$, x$)))
    .subscribe(console.log);

// output: R, X, X, X, R, X, X, X, etc...
```

RxJs - SequenceEqual



RxJs - Conditional

- `ajax` ☆
- `create`
- `defer`
- `empty`
- `from` ☆
- `fromEvent`
- `generate`
- `interval`
- `of` ☆
- `range`
- `throw`
- `timer`

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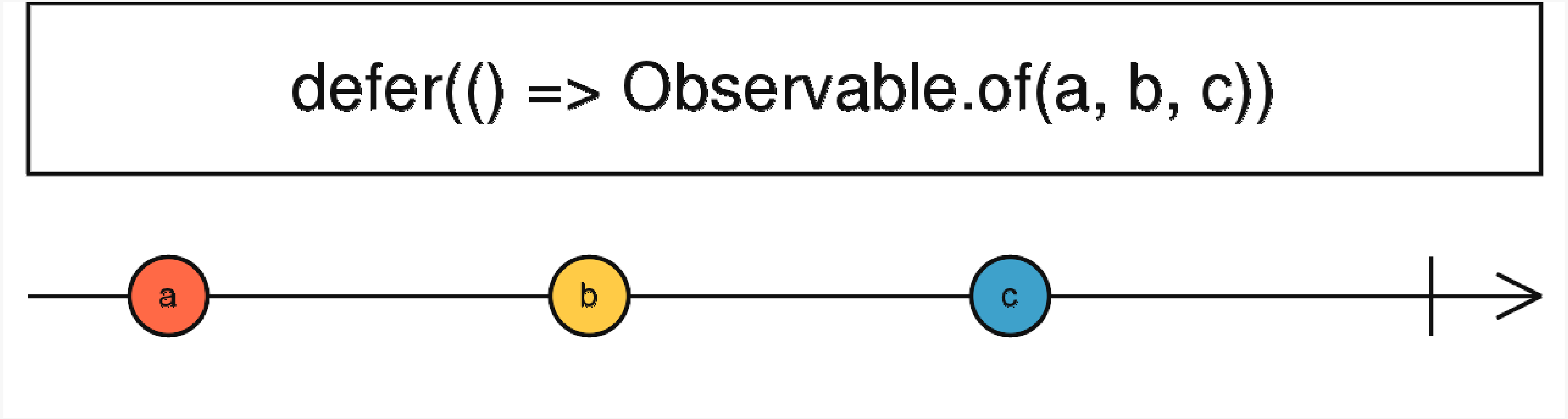
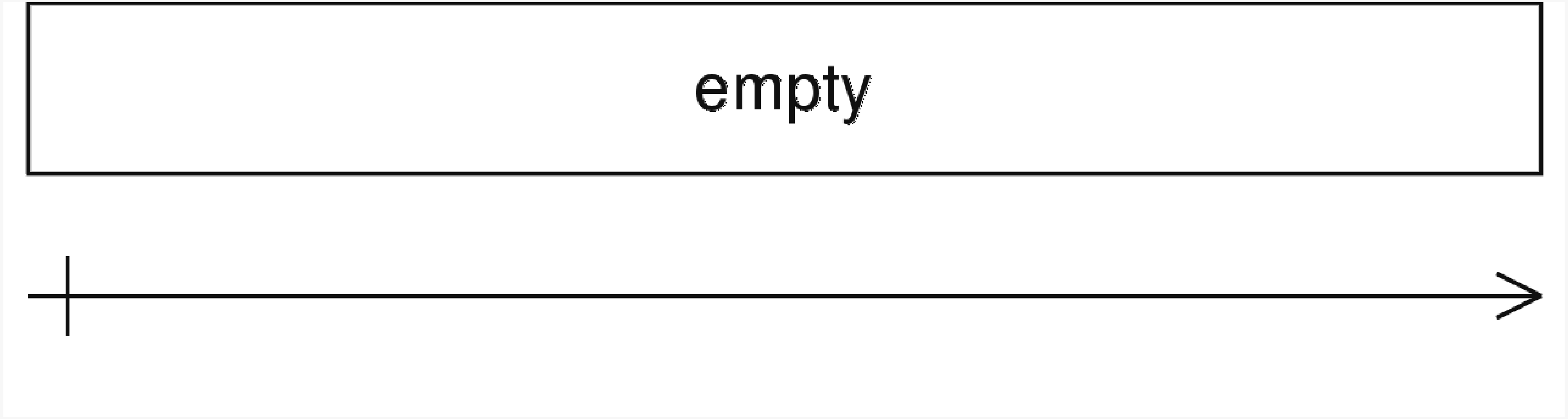
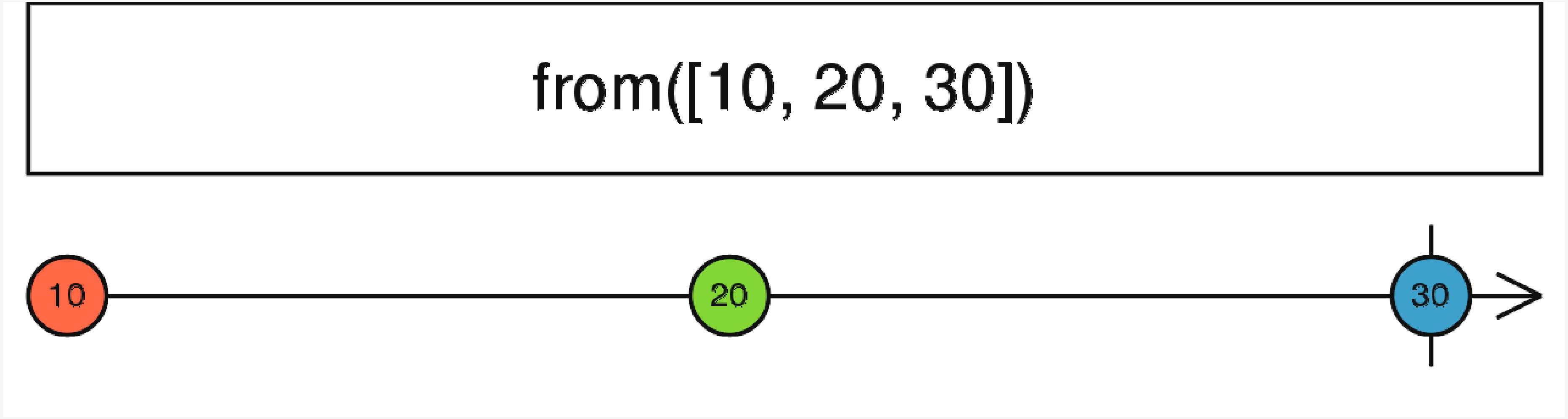
RxJs - Defer



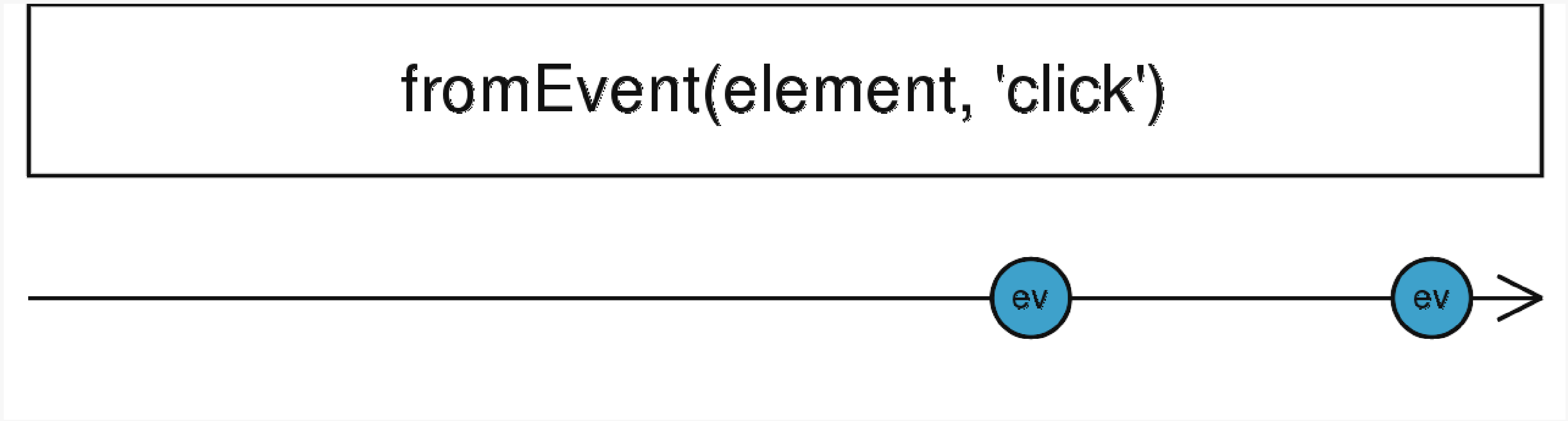
RxJs - Empty



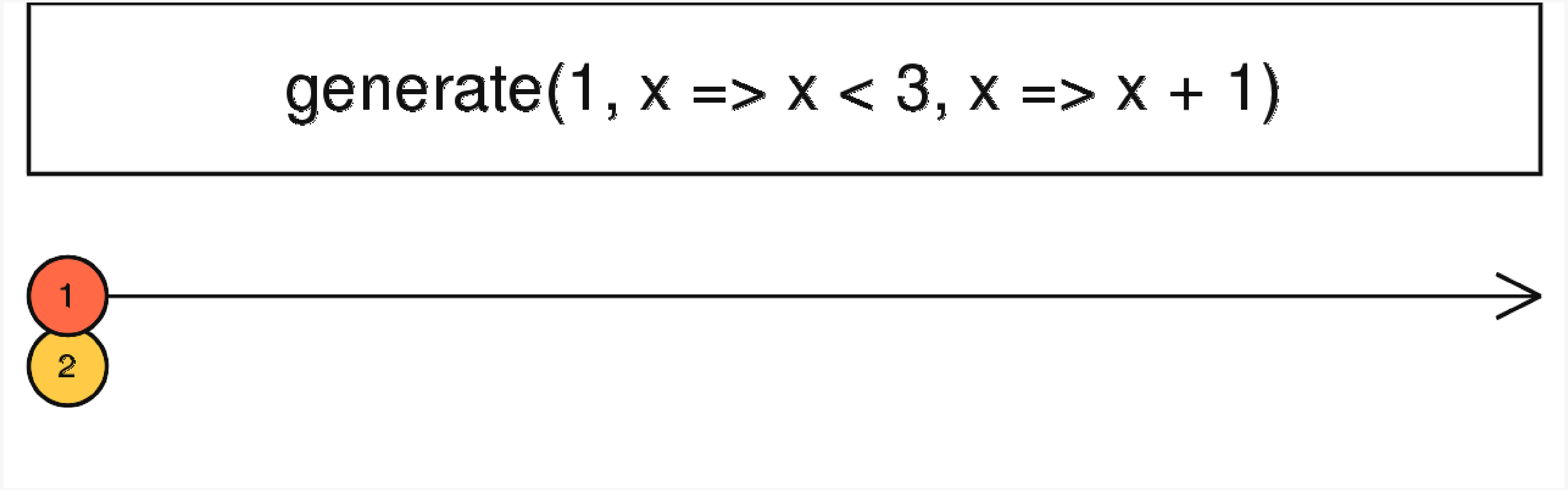
RxJs - From



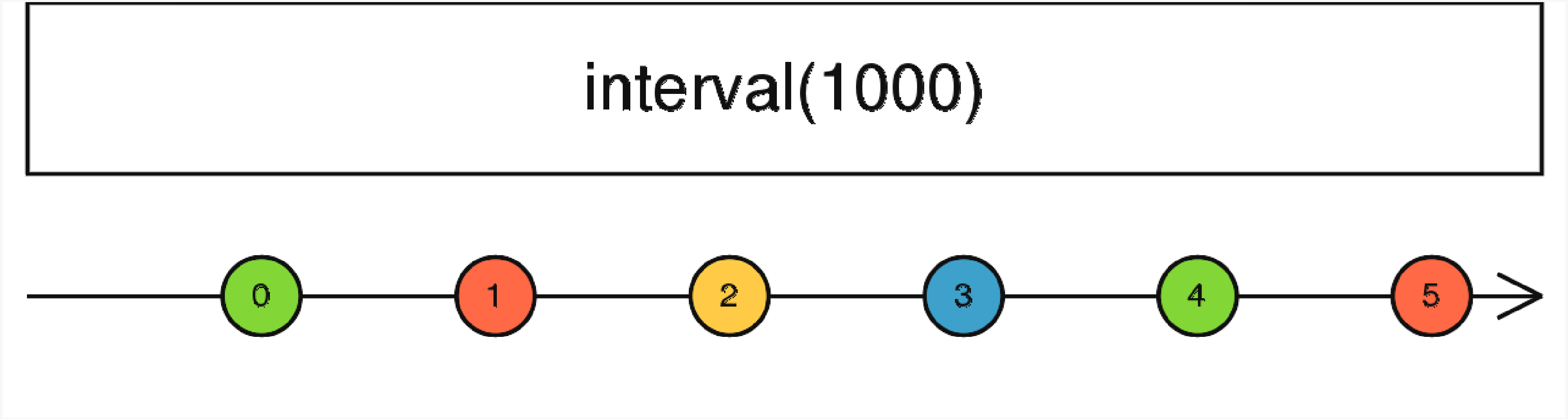
RxJs - Fromevent



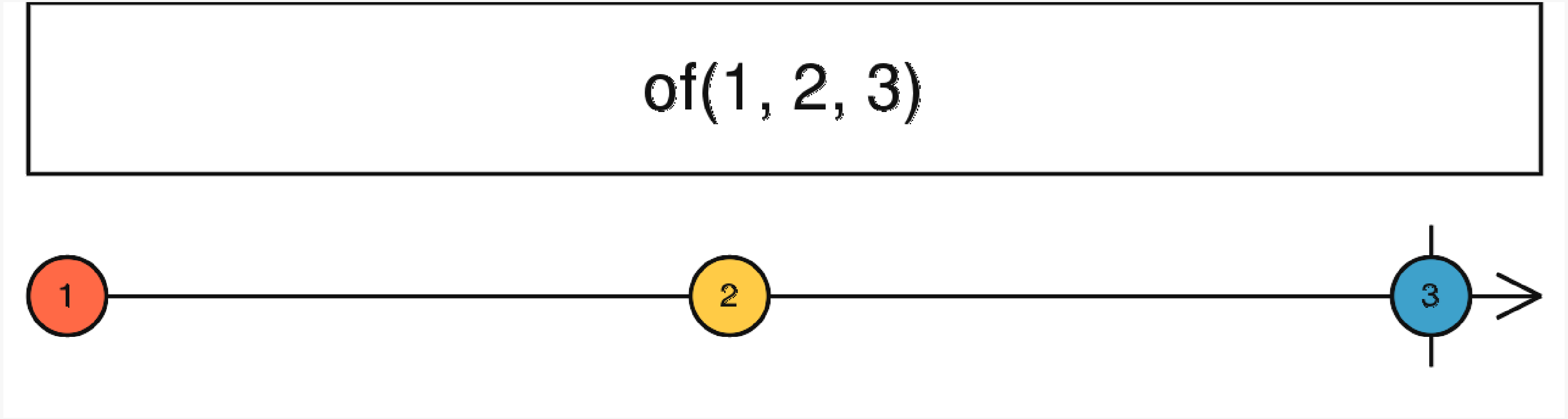
RxJs - Generate



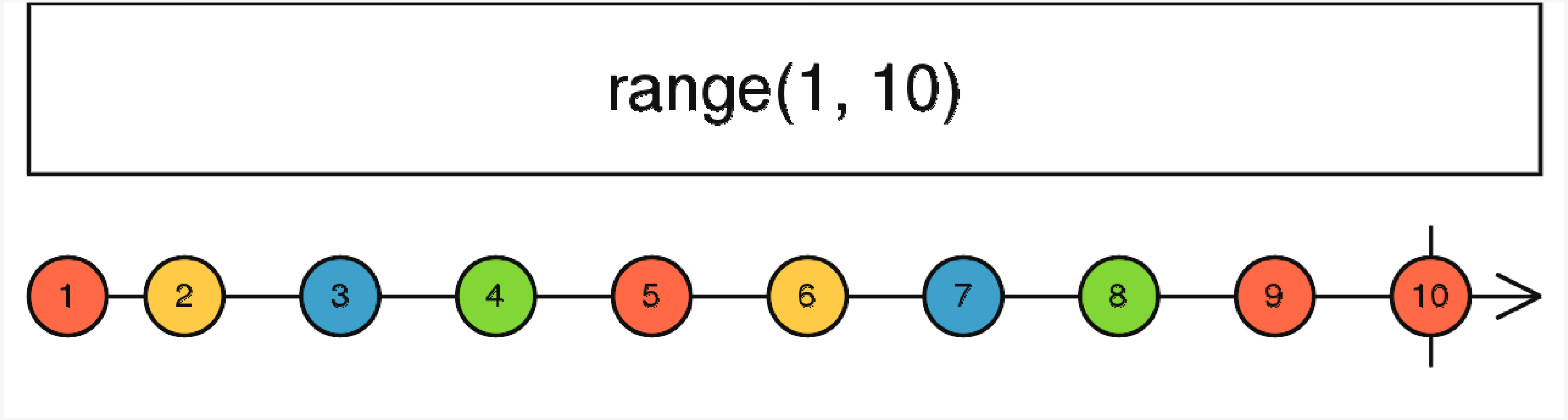
RxJs - Interval



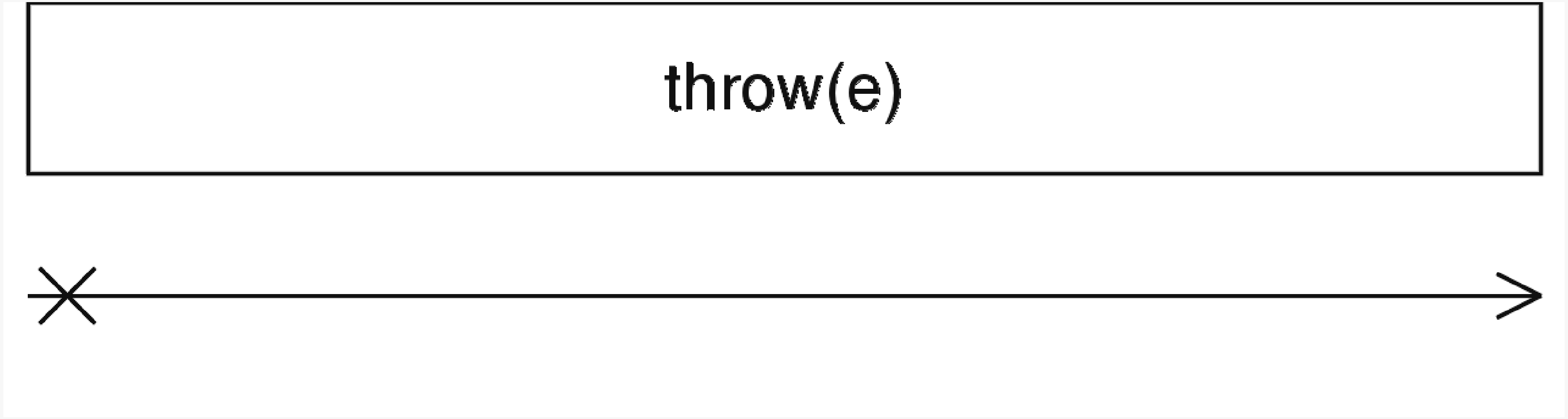
RxJs - Of



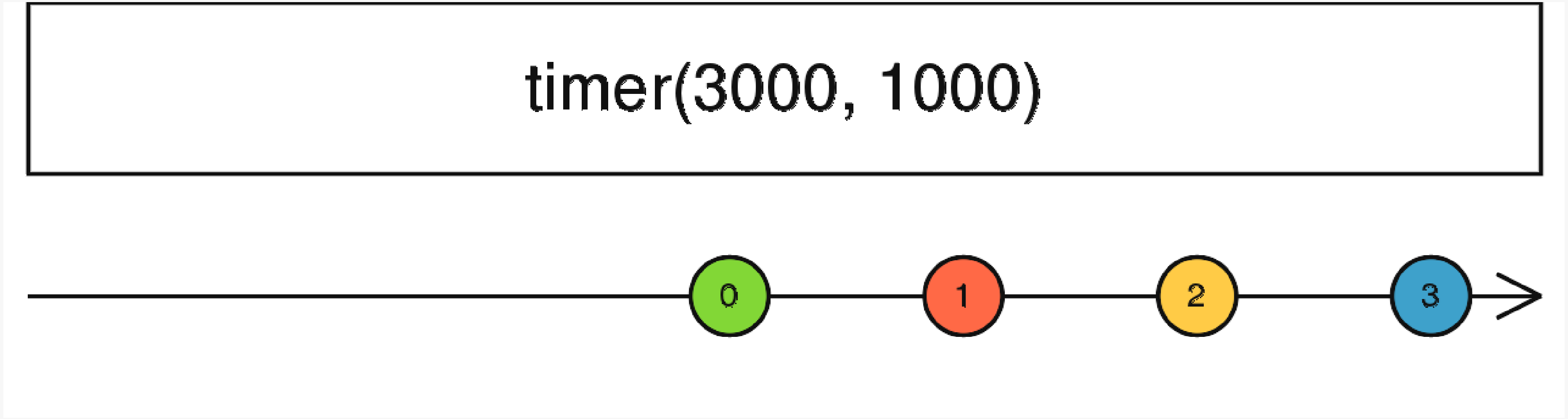
RxJs - Range



RxJs - throw



RxJs - timer



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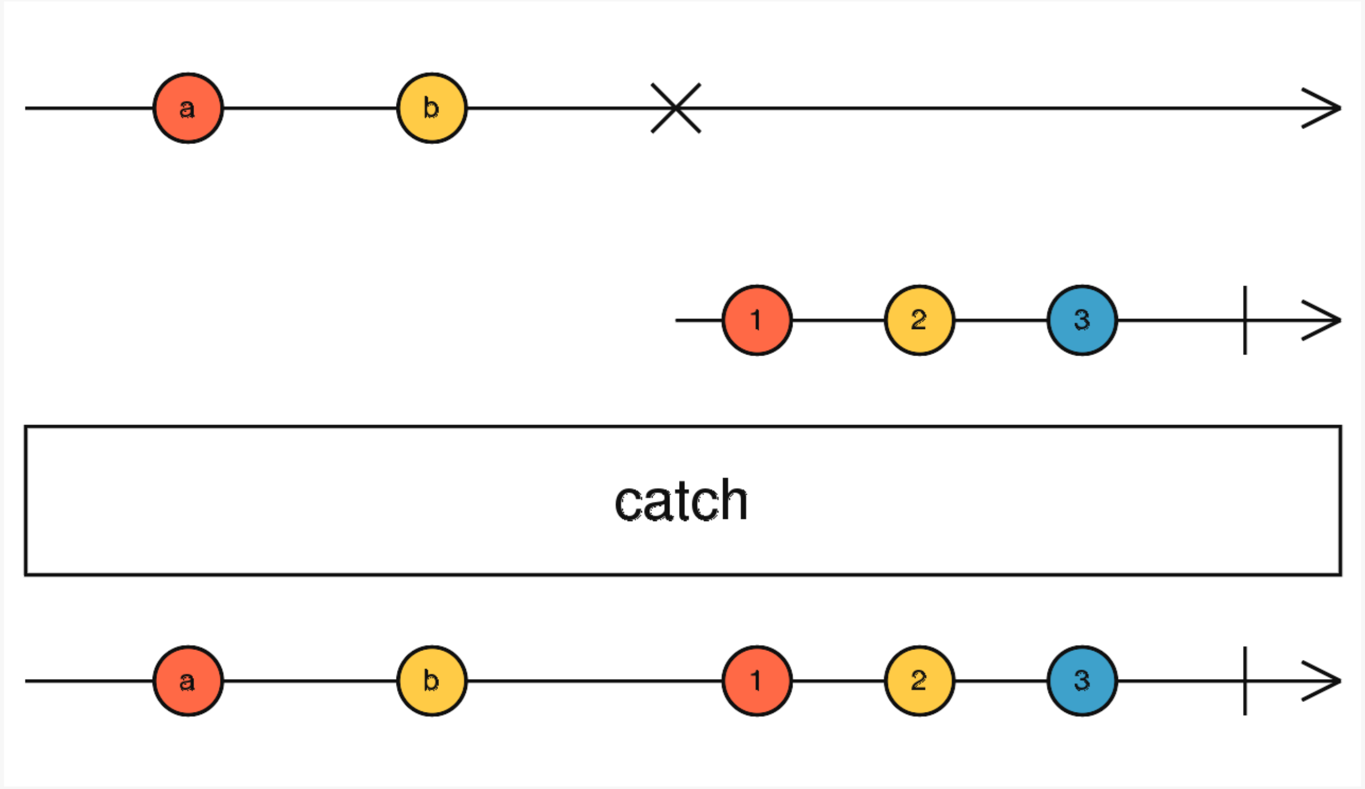
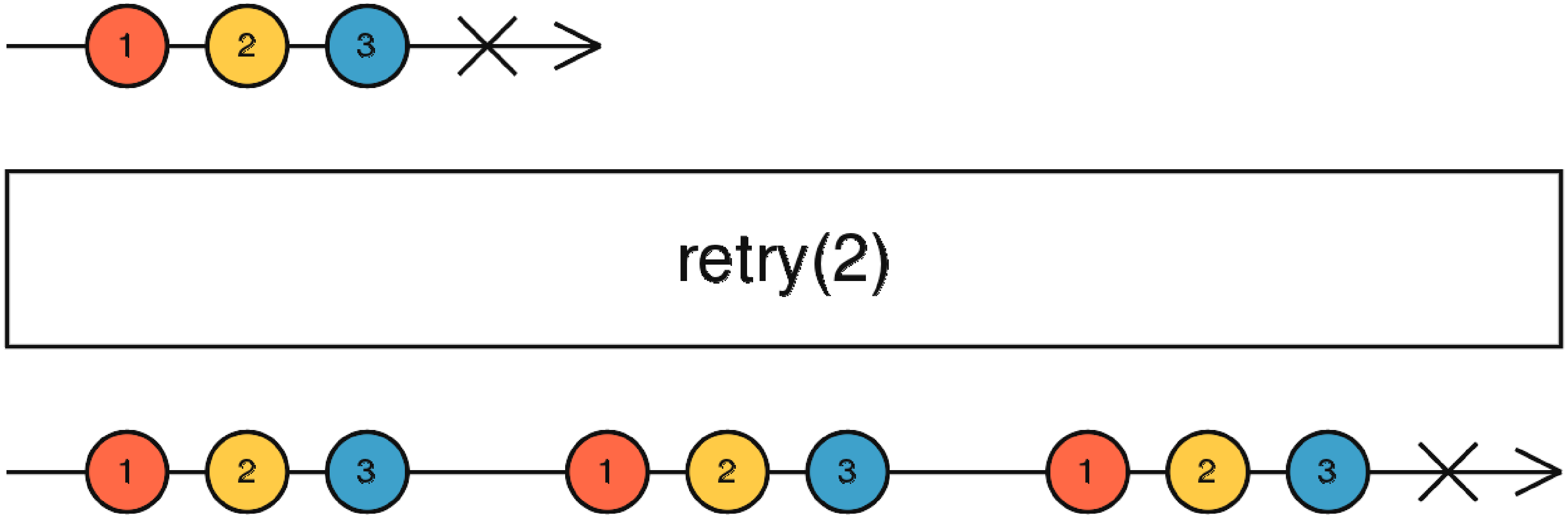
RxJs - Error Handling

- `catch / catchError` ☆
- `retry`
- `retryWhen`

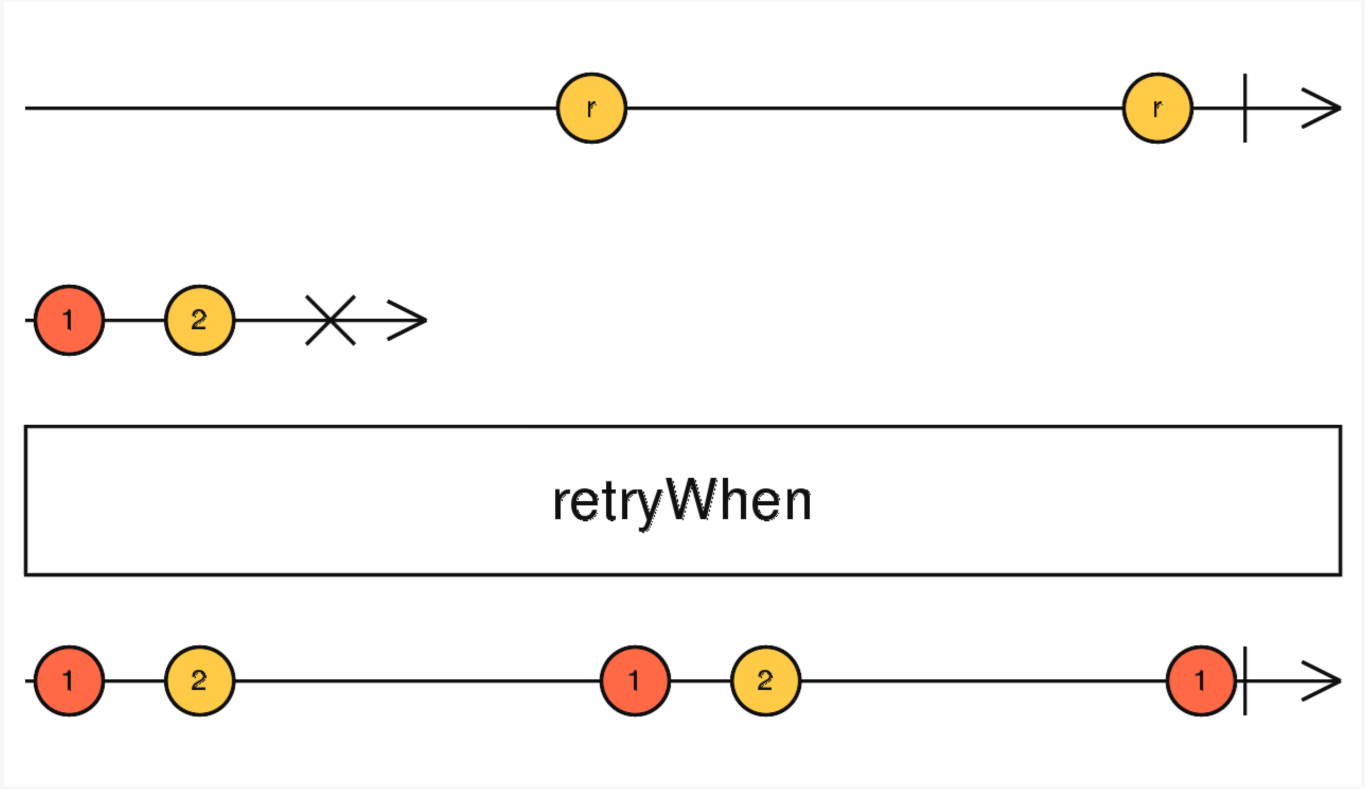
RxJs - Catch



RxJs - Retry



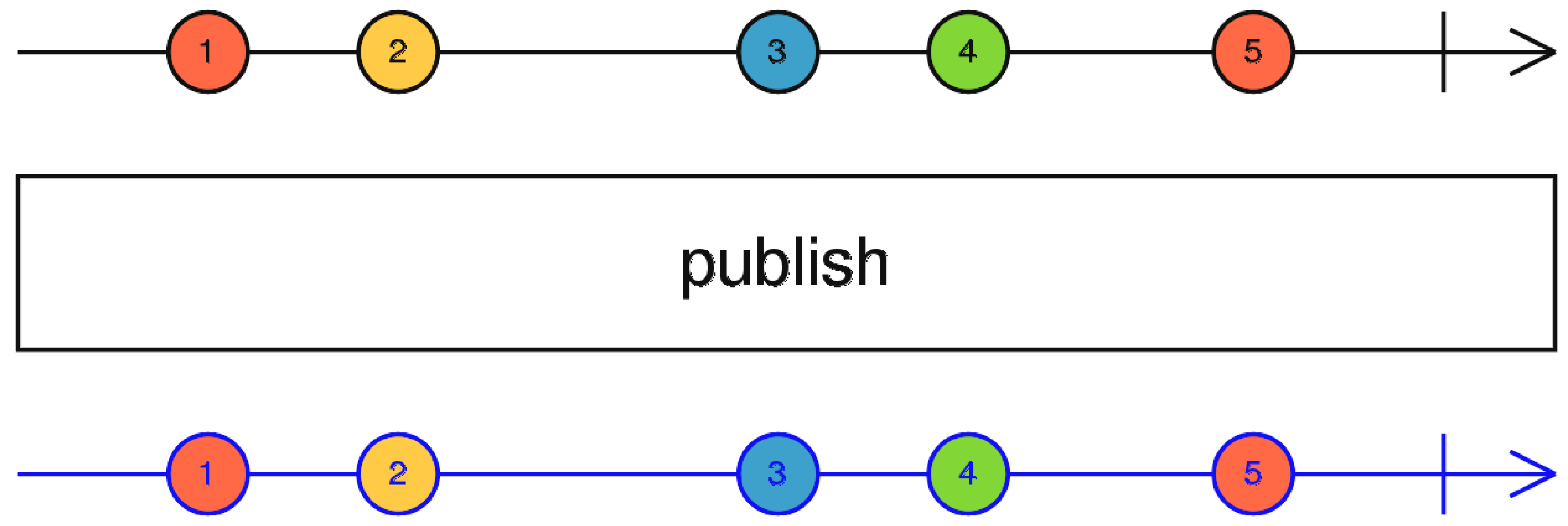
RxJs - RetryWhen



RxJs - Multicasting

- `publish`
- `multicast`
- `share` ☆
- `shareReplay` ☆

RxJs - Publish



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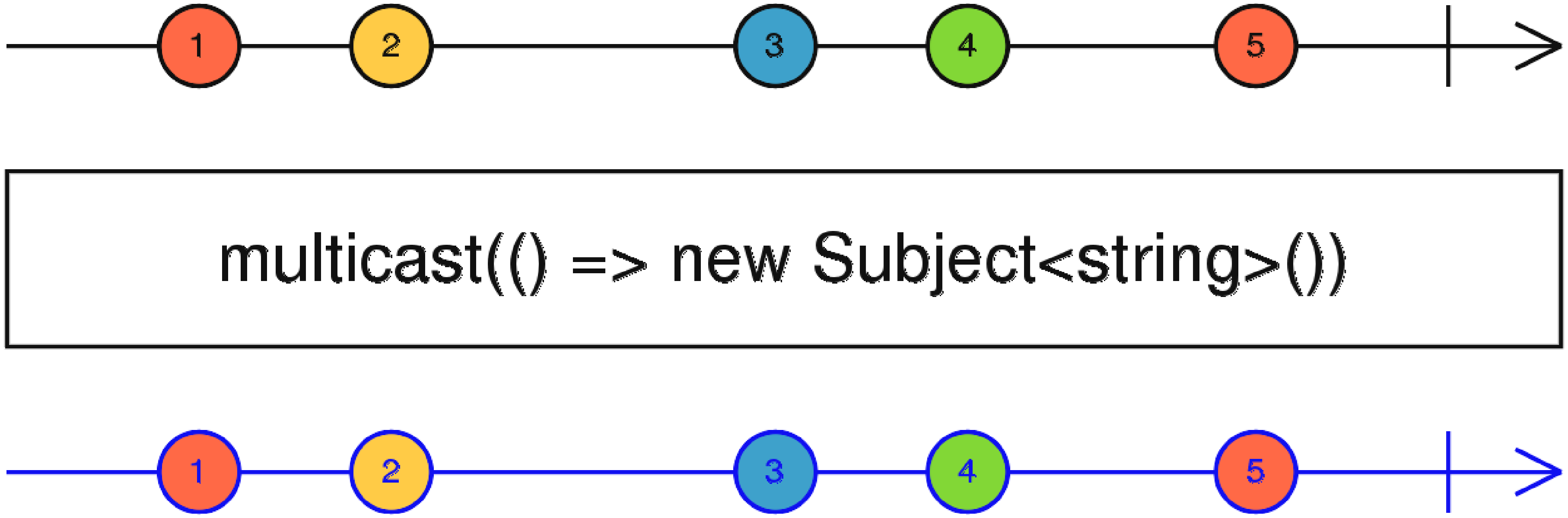
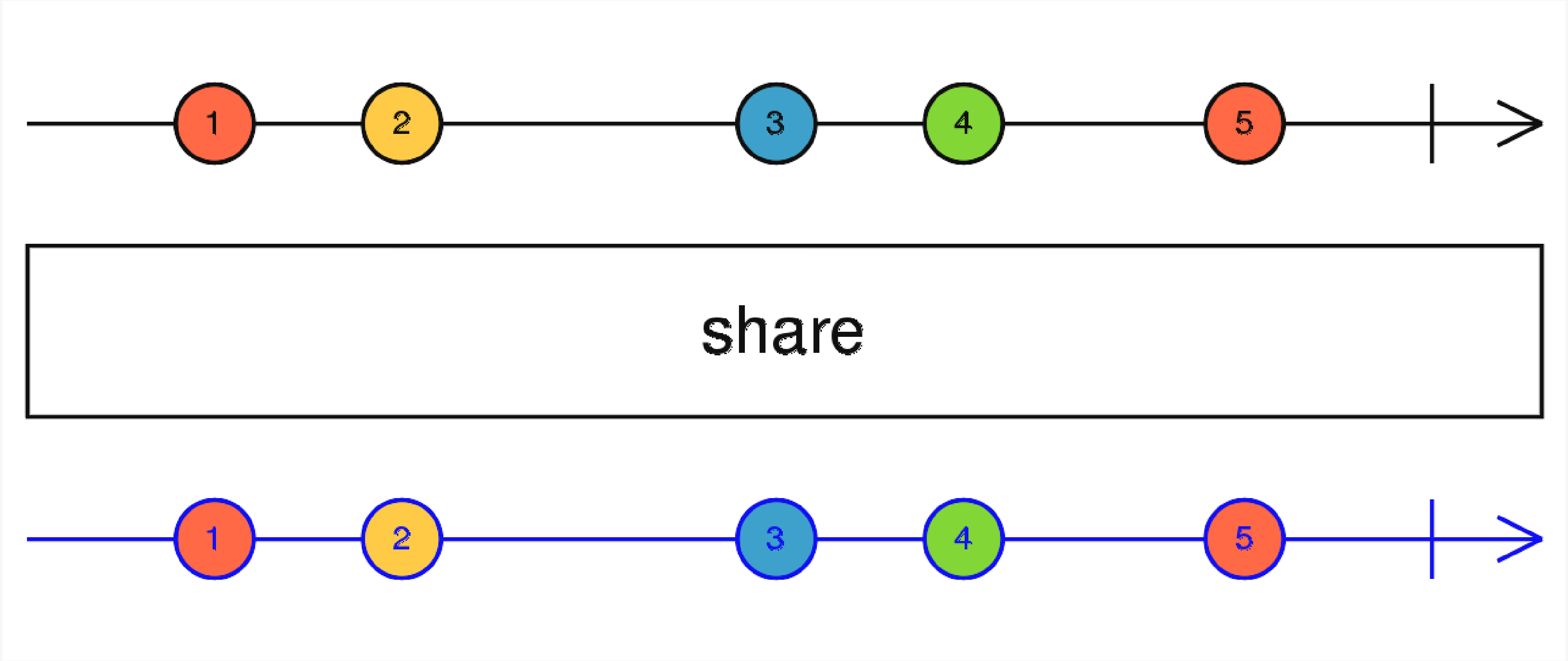
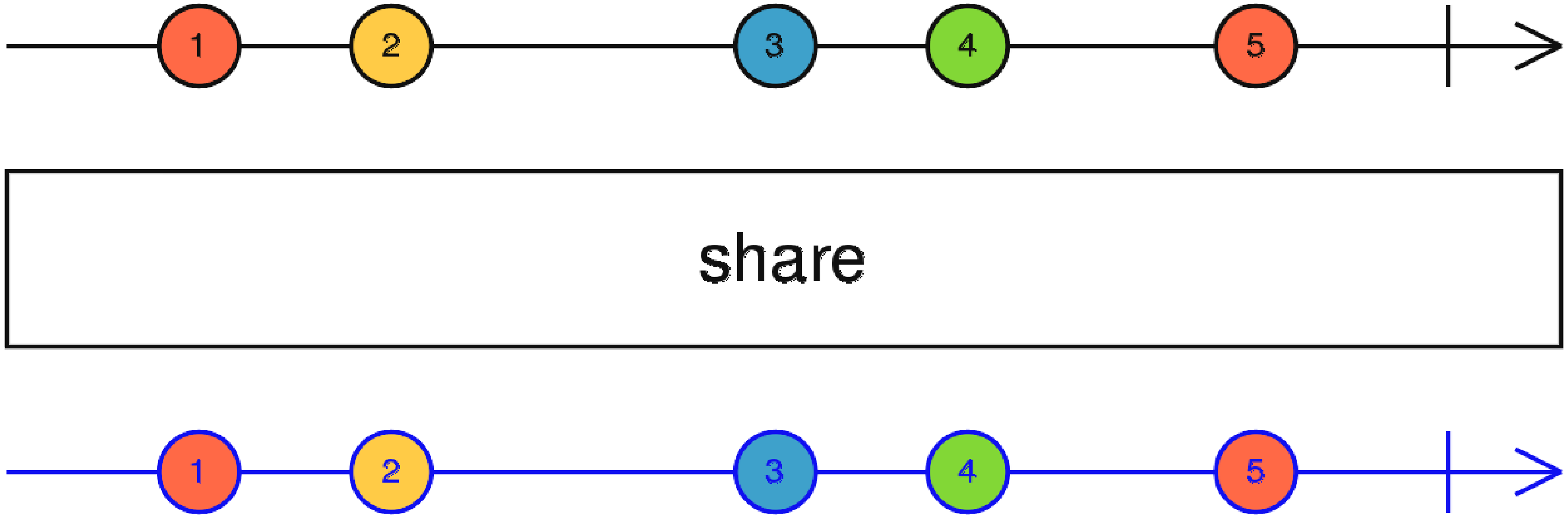
RxJs - Multicast



RxJs - ShareReplay



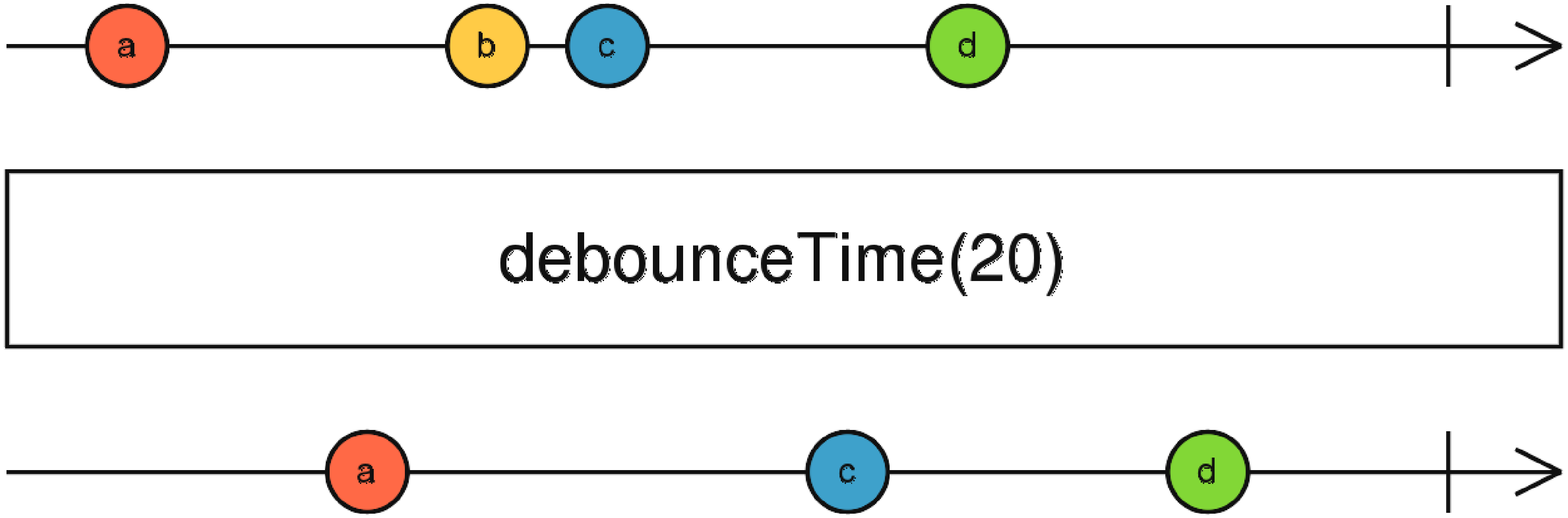
RxJs - Share



RxJs - Filtering

- audit
- auditTime
- debounce
- debounceTime ☆
- distinct
- distinctUntilChanged ☆
- distinctUntilKeyChanged
- filter ☆
- find
- first
- ignoreElements
- last
- sample
- single
- skip
- skipUntil
- skipWhile
- take ☆
- takeLast
- takeUntil ☆
- takeWhile
- throttle
- throttleTime

RxJs - DebounceTime



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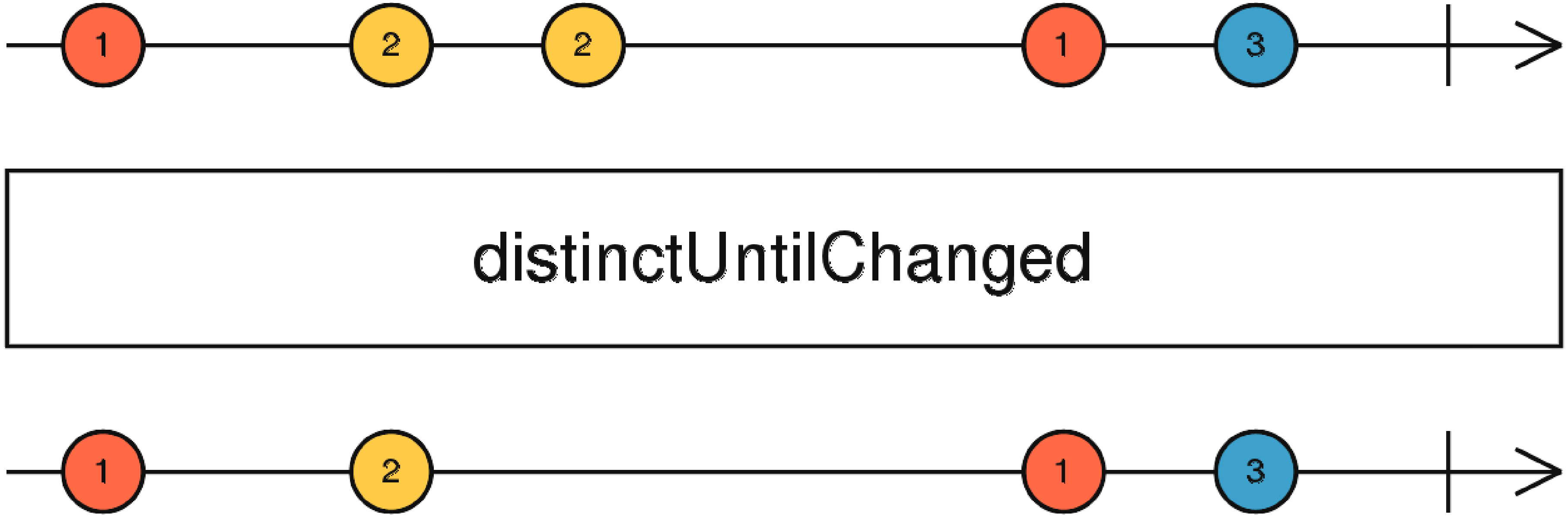
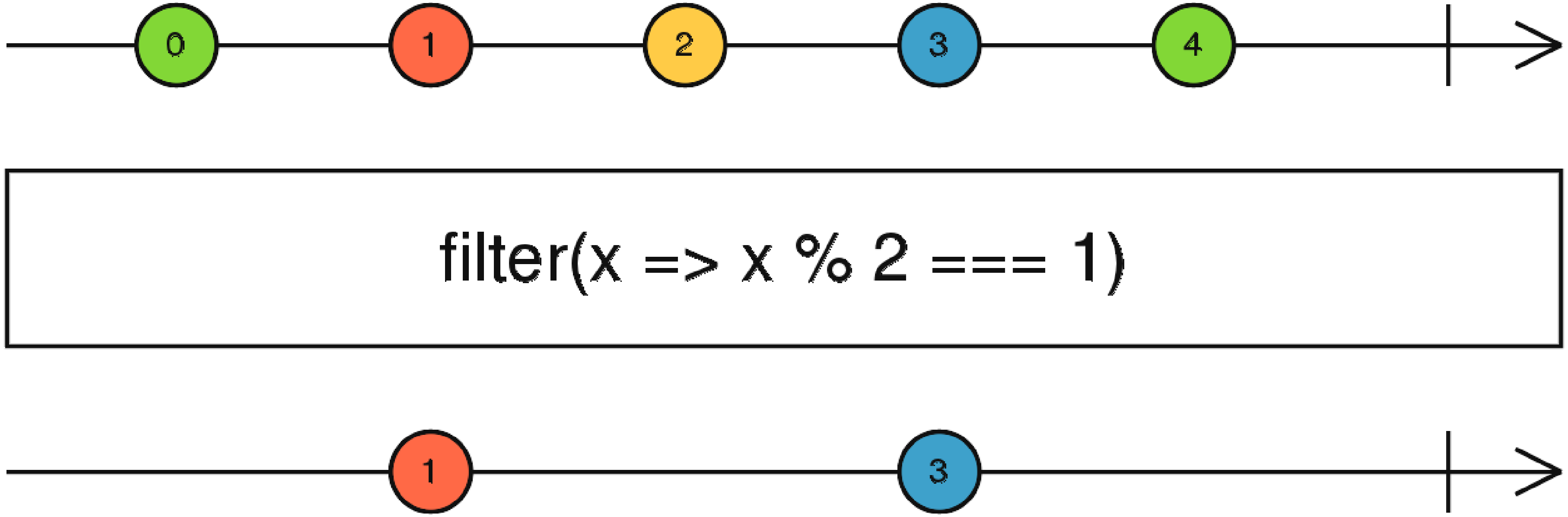
RxJs - DistinctUntilChanged



RxJs - Filter



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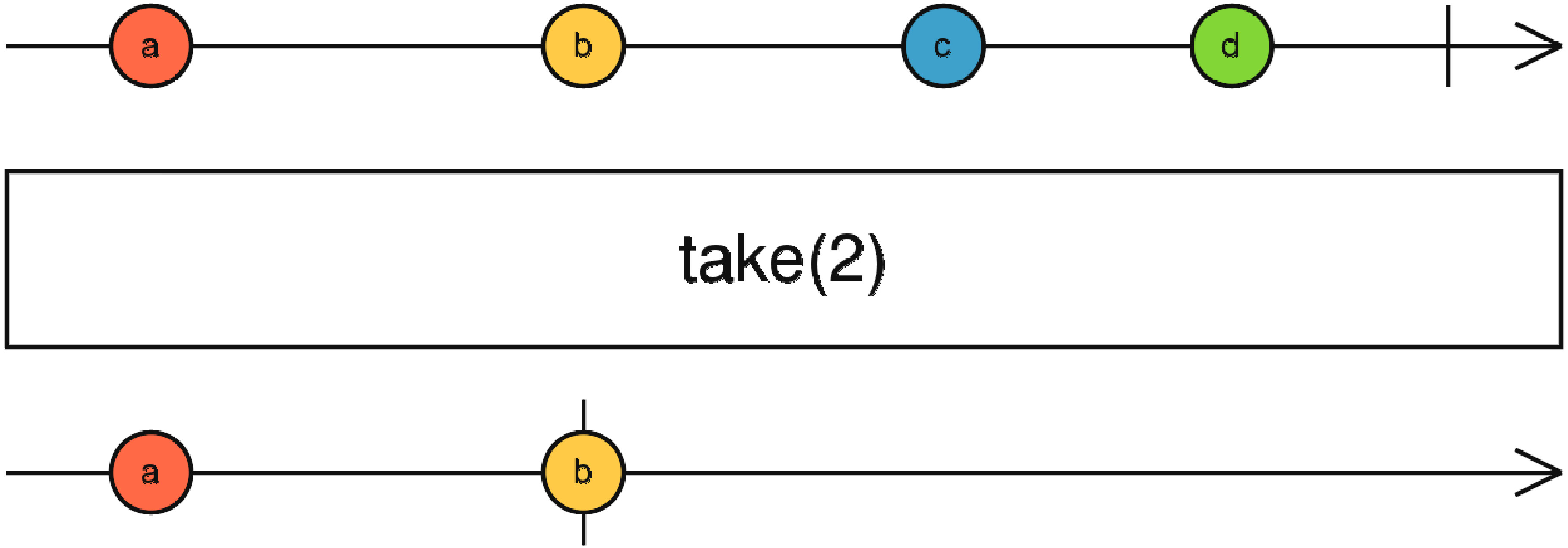
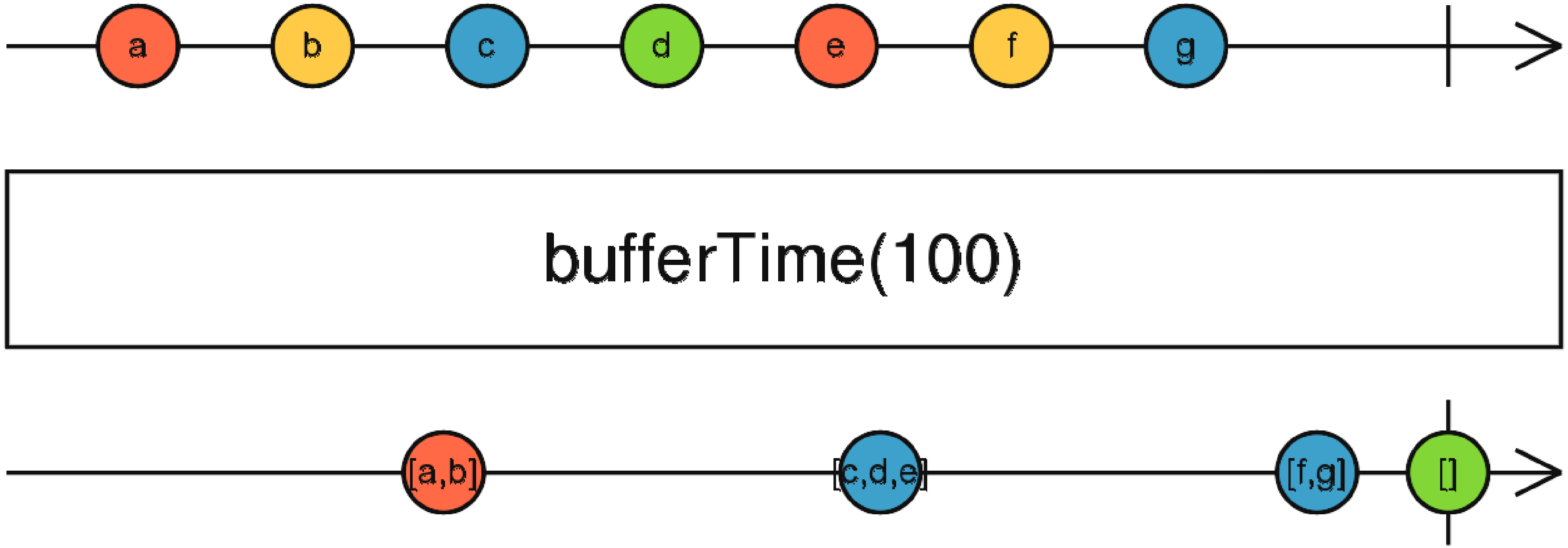
RxJs - Take



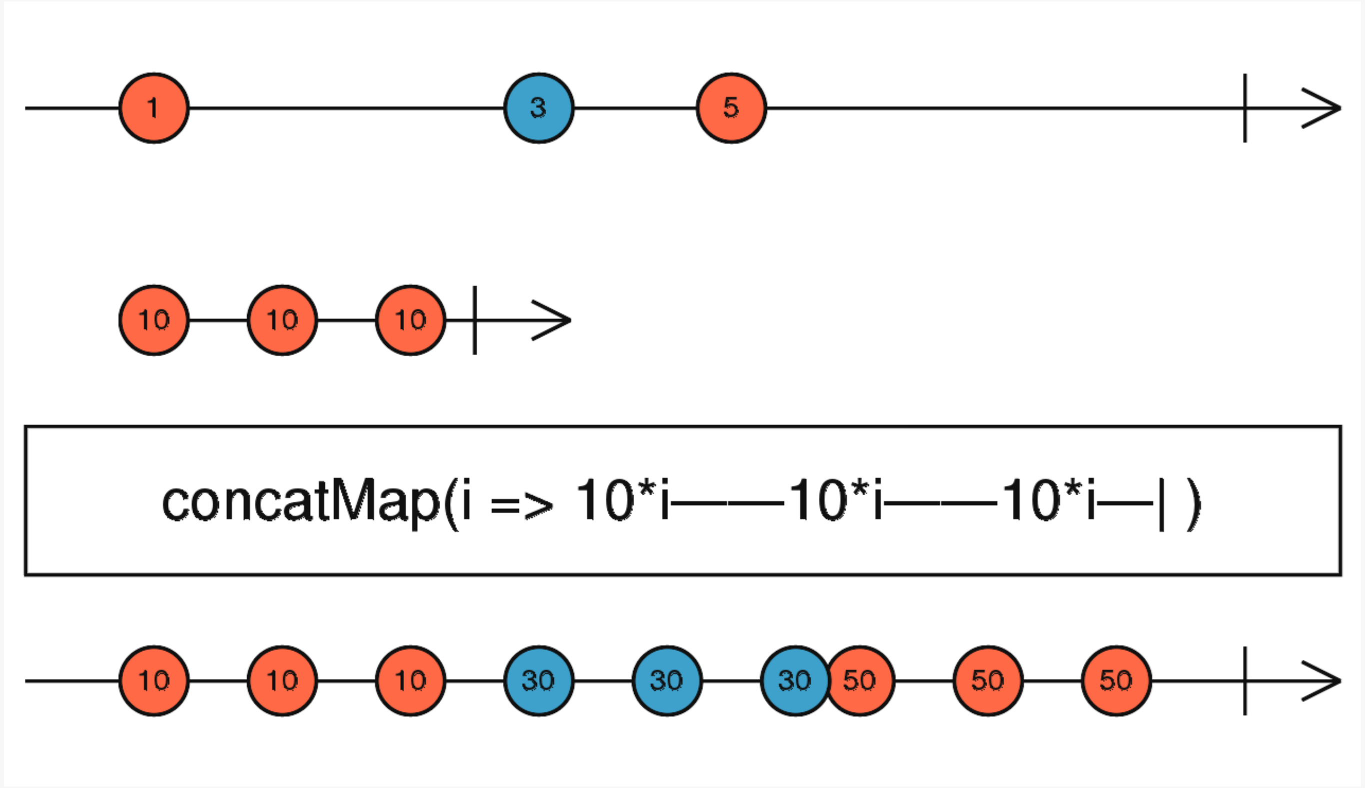
RxJs - Trasformation

- buffer
- bufferCount
- bufferTime ☆
- bufferToggle
- bufferWhen
- concatMap ☆
- concatMapTo
- exhaustMap
- expand
- groupBy
- map ☆
- mapTo
- mergeMap / flatMap ☆
- mergeScan
- partition
- pluck
- reduce
- scan ☆
- switchMap ☆
- switchMapTo
- toArray
- window
- windowCount
- windowTime
- windowToggle
- windowWhen

RxJs - BufferTime



RxJs - ConcatMap



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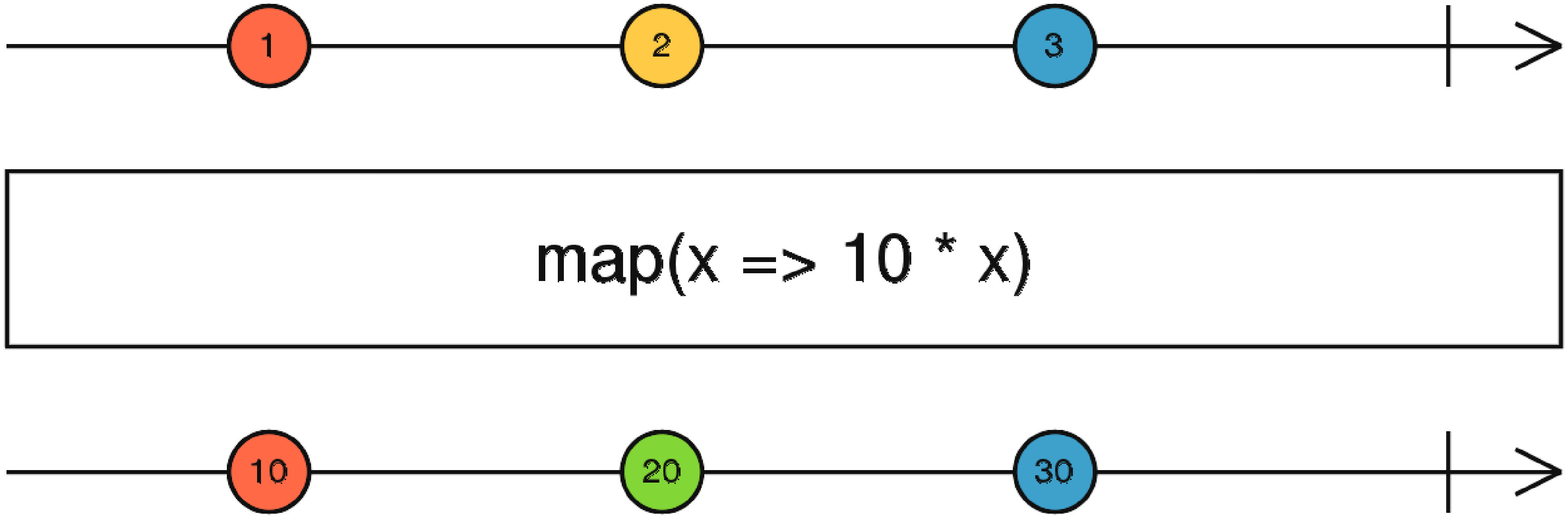
RxJs - Map



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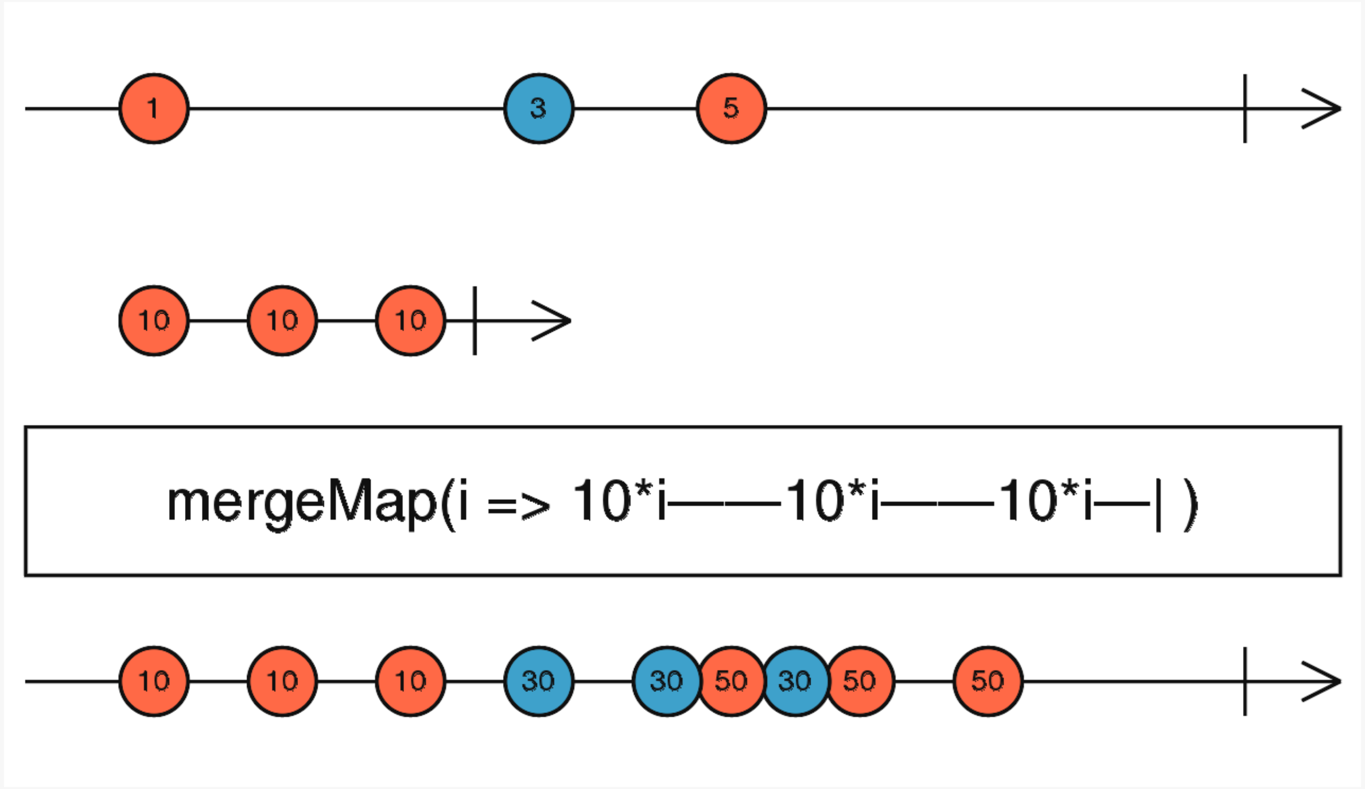
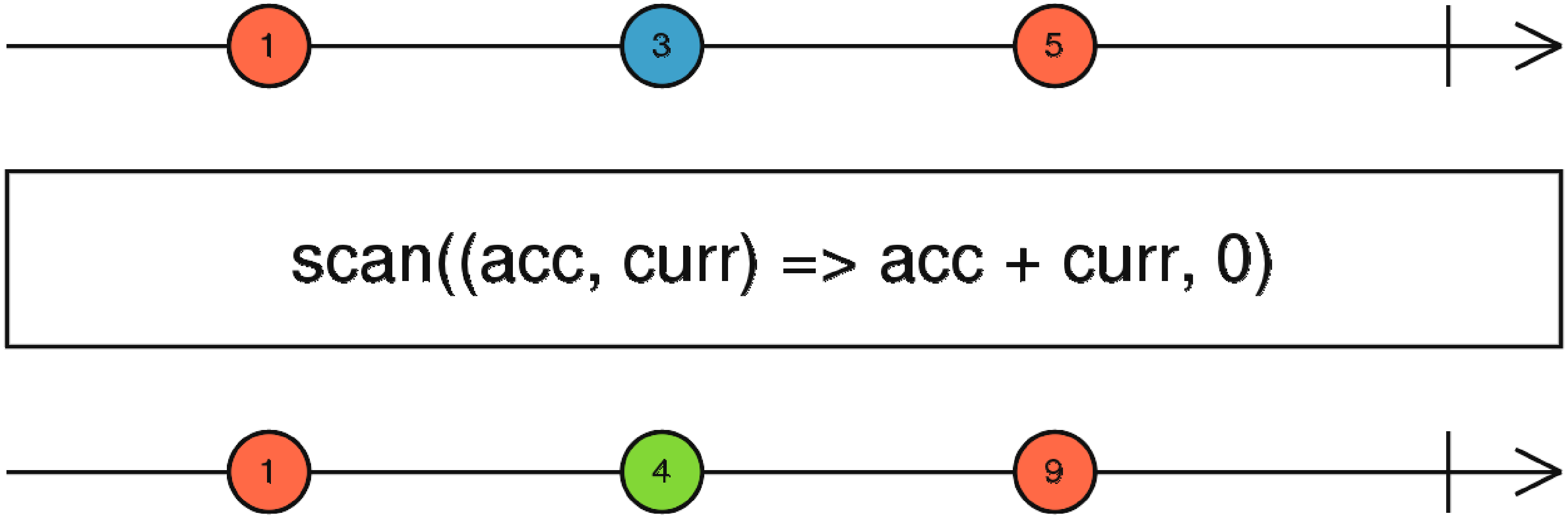
RxJs - FlatMap



RxJs - Scan



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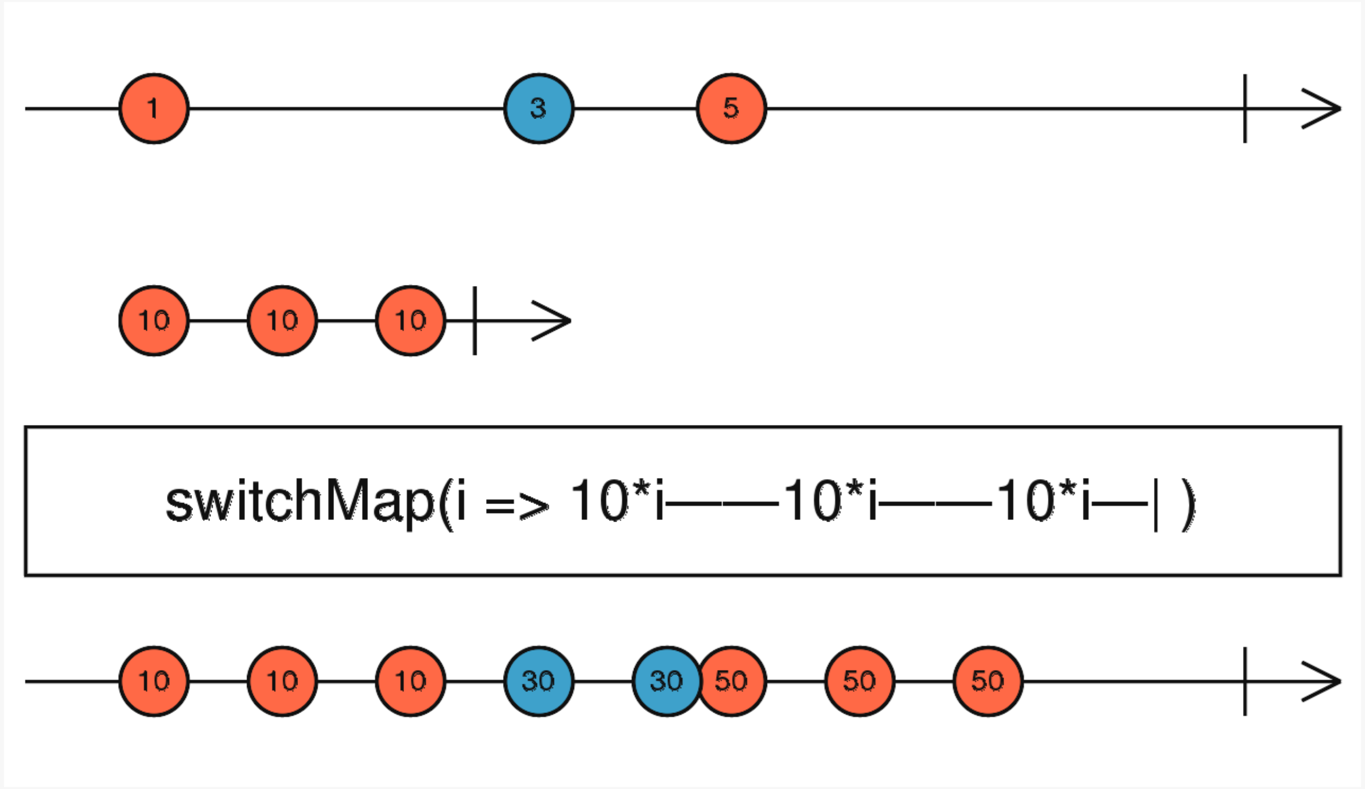
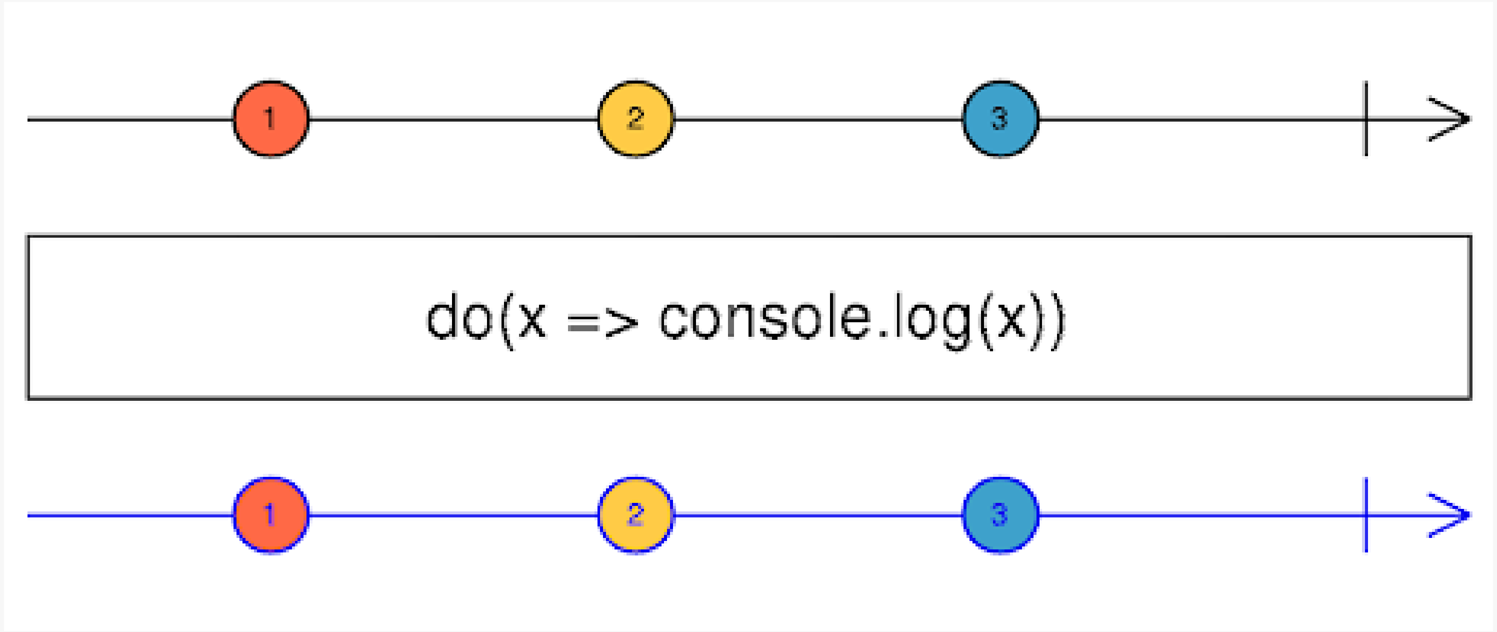
RxJs - SwitchMap



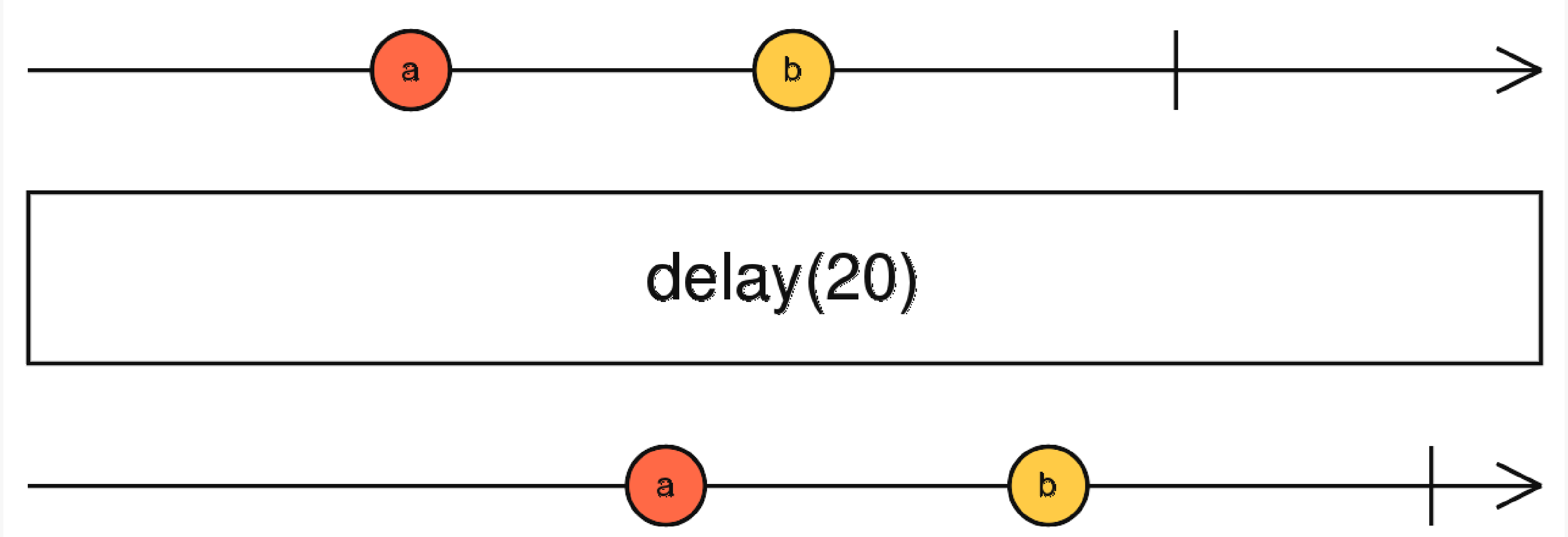
RxJs - Utility

- `tap / do` ☆
- `delay` ☆
- `delayWhen`
- `dematerialize`
- `finalize / finally`
- `let`
- `repeat`
- `repeatWhen`
- `timeInterval`
- `timeout`
- `timeoutWith`
- `toPromise`

RxJs - Tap



RxJs - Delay



RxJs - Subjects

- **Subject** - Nessun valore iniziale.
- **AsyncSubject** - Emette l’ultimo valore dell’observable quando è completato.
- **BehaviorSubject** - Richiede un valore iniziale ed emette ai sottoscriventi il suo ultimo valore.
- **ReplaySubject** - Come precedente ma emette un numero fissato di valori e non solo l’ultimo.

DEMO

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