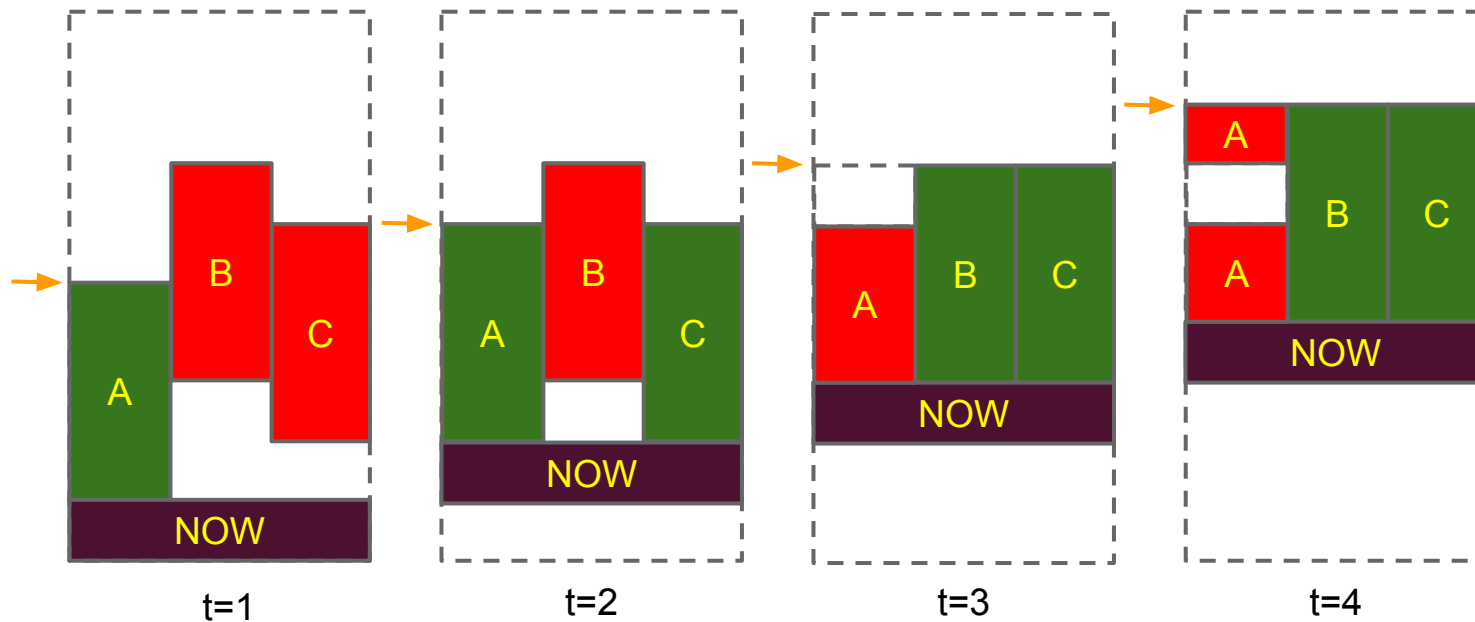


Queues in dbReader2 over time



Example - Accessing queues in dbReader2

```
for( int stockId : stockIdList ) {  
    Analysis analysis = dbReader2.getAnalysis( stockId );  
    if( analysis.isReady() )  
        useAnalysis( id, analysis );  
}
```

What if we want multiple analyses from the same data source?

- For example, for returns we want a 60 day forward looking volatility, a 20 day max return
- We need only one DBReader to be the actual source and multiple analysis managers to do the actual analysis
- The reader reports that it has read up to the specified sequence number but actually reads ahead until at least one of the analyses managers reports that it has an analysis ready
- In the DBProcessors, the analyses are queried by some client object that is external to the DBReader framework to see if they are ready (as shown in previous example)

Multiple look-ahead queues

