

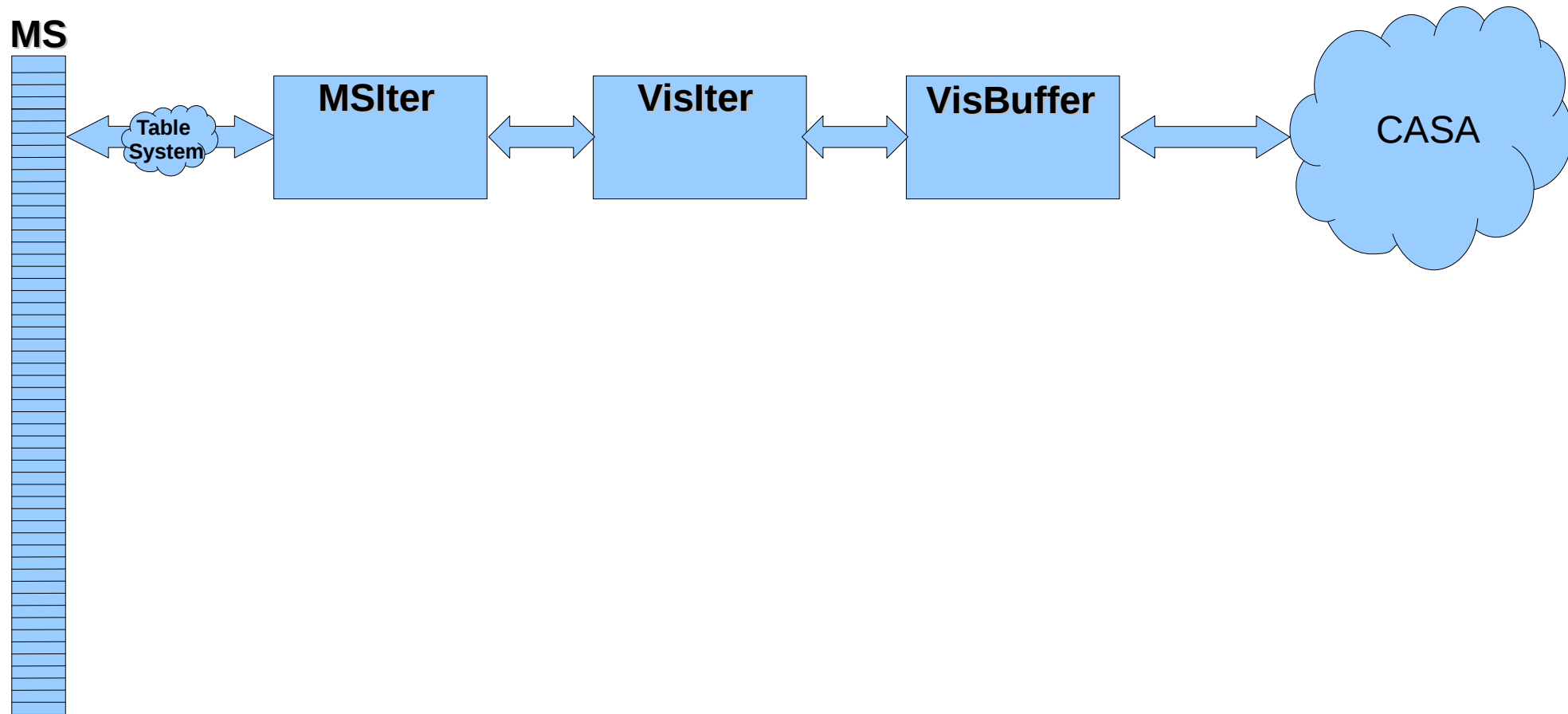
MS Selection and Data Iterators



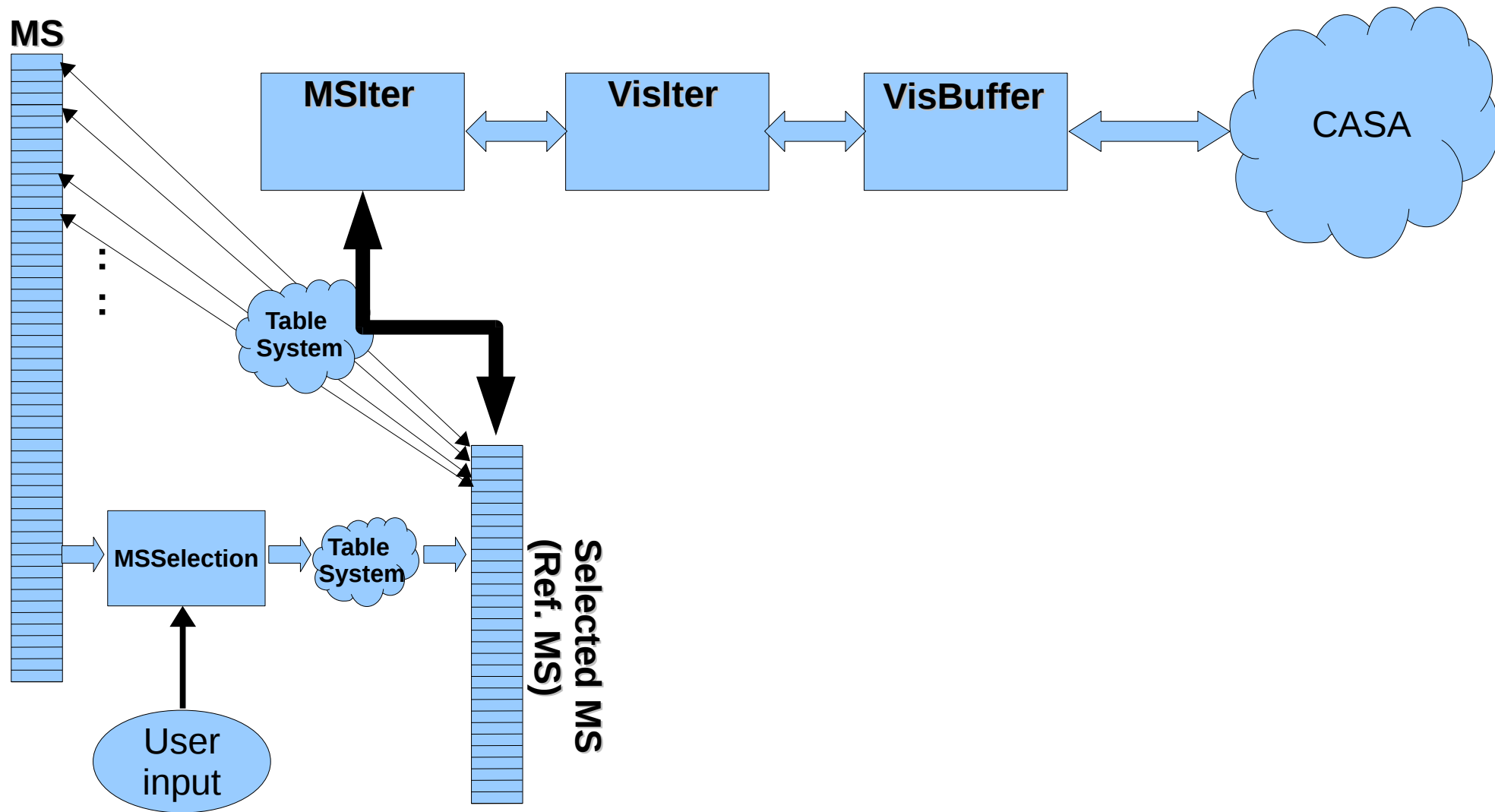
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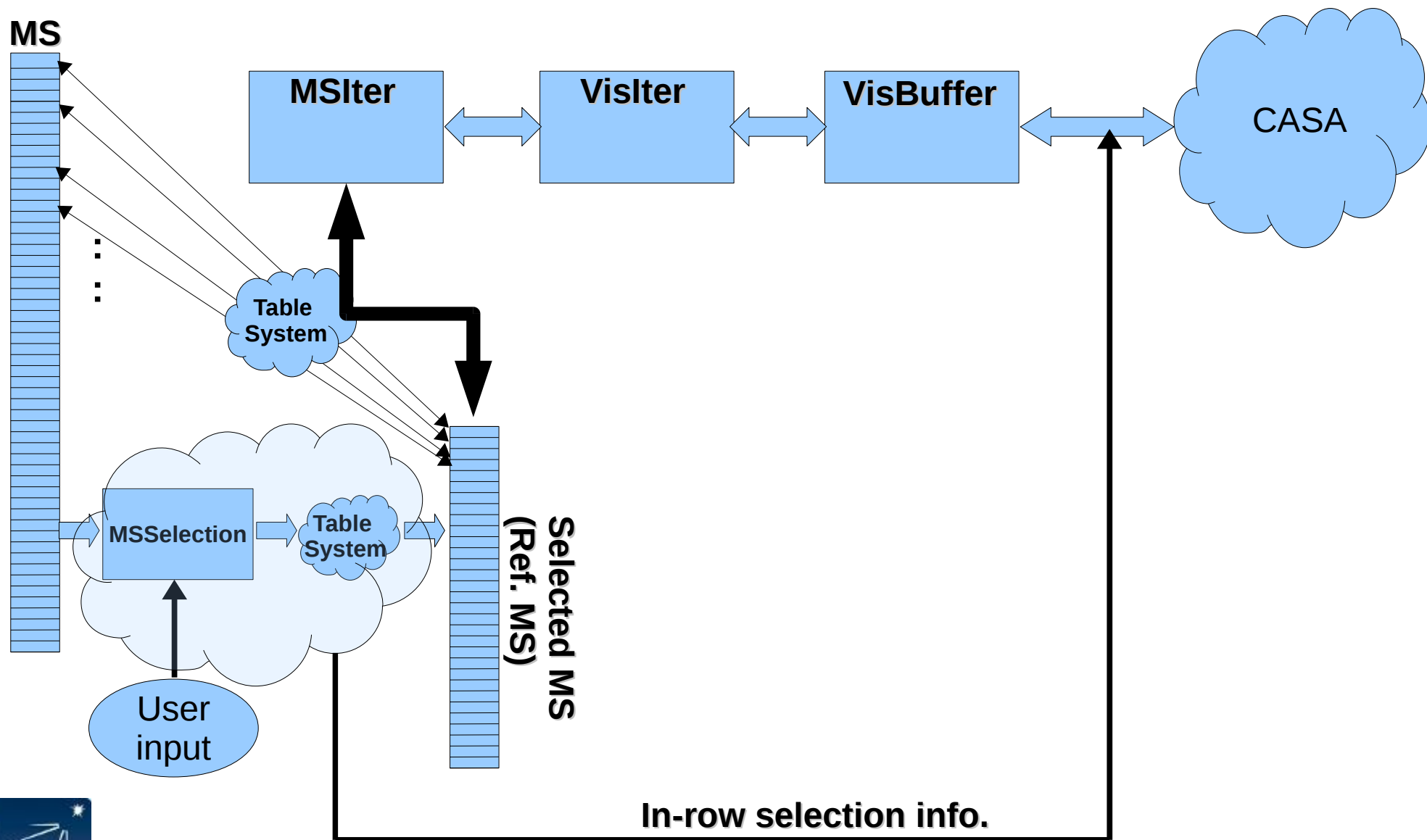
Data Iterators



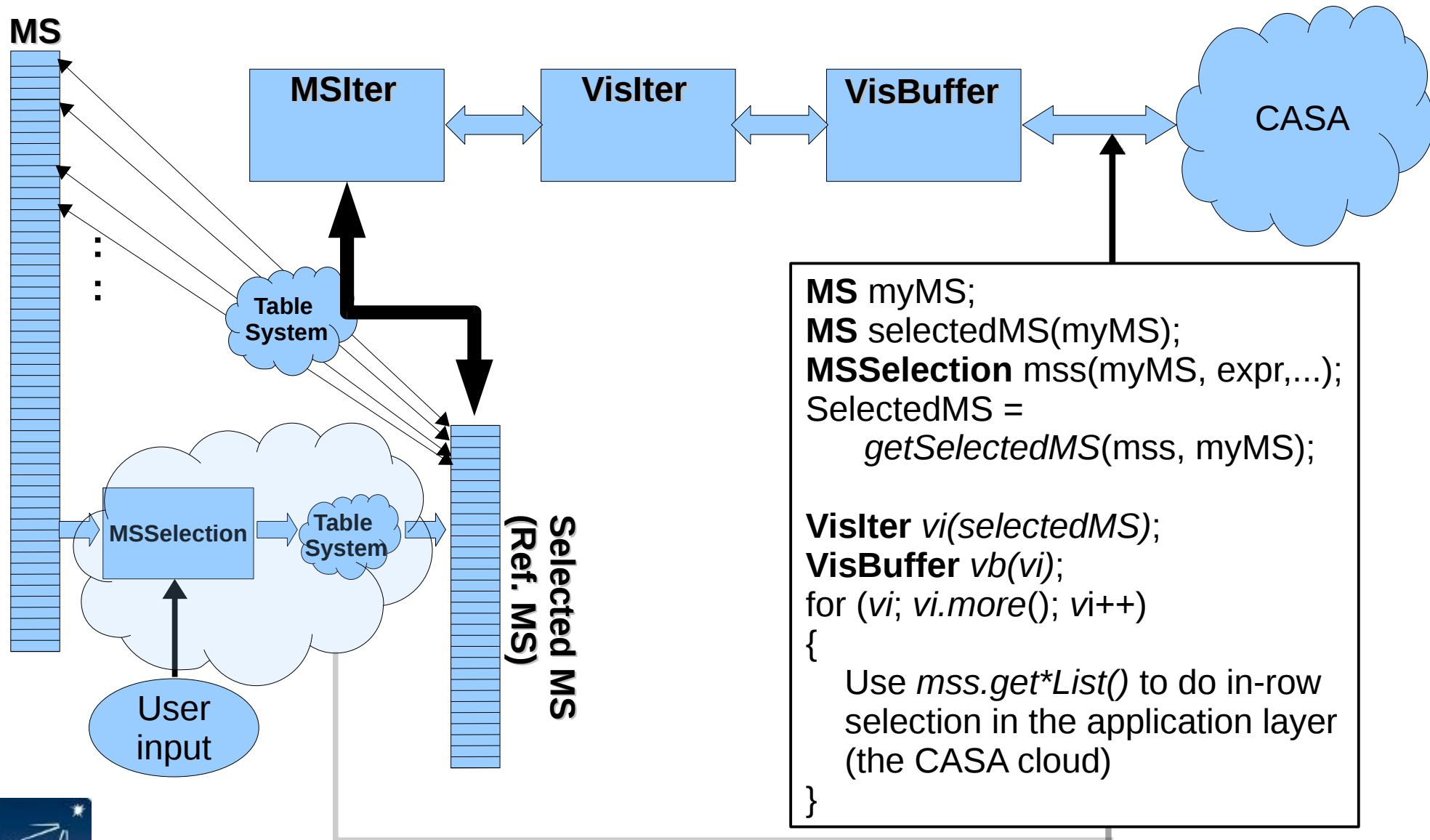
MS Selection



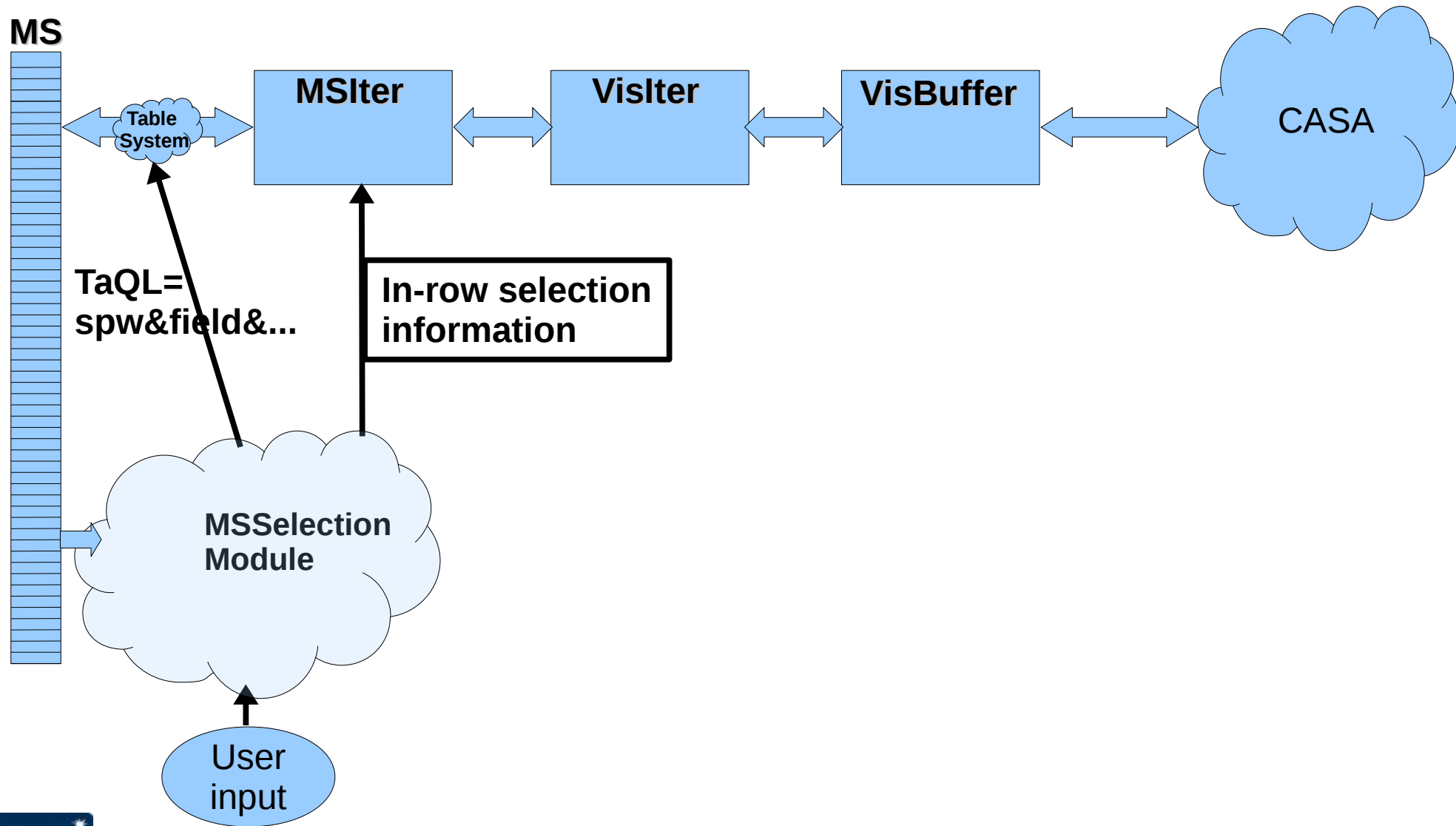
MS Selection



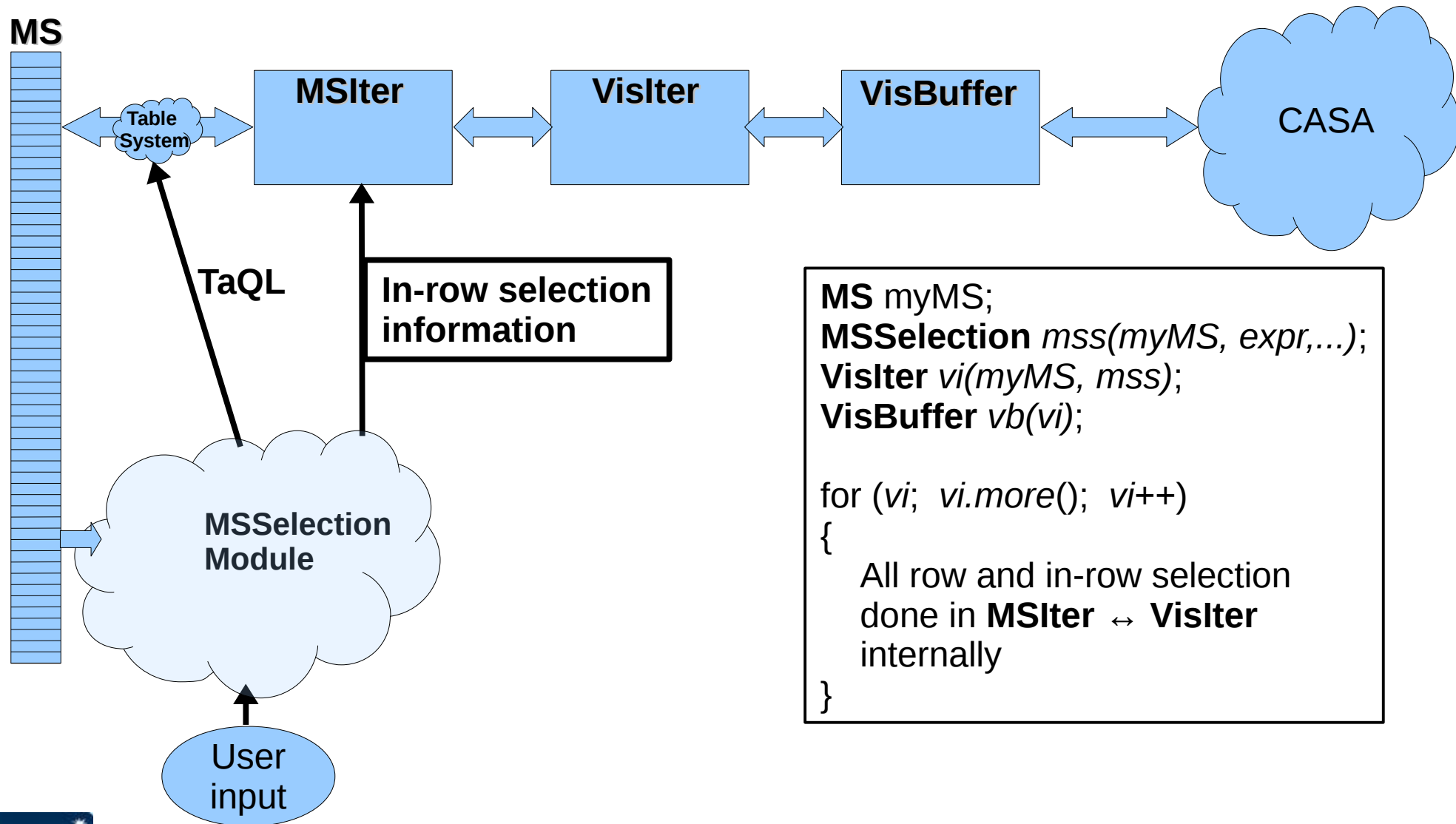
MS Selection



MS Selection as part of the Iter. chain



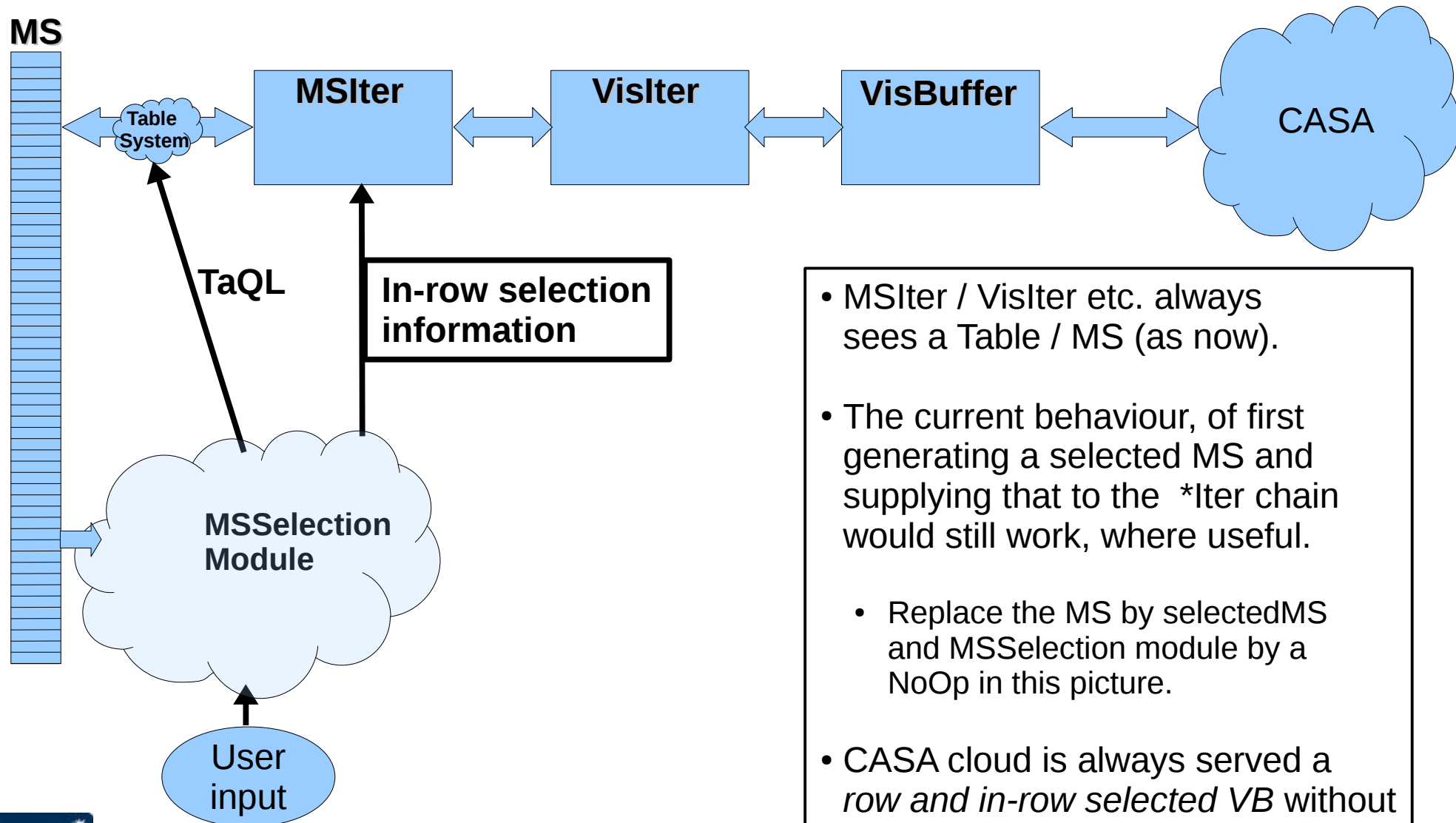
MS Selection as part of the Iter. chain



```
MS myMS;
MSSelection mss(myMS, expr,...);
VisIter vi(myMS, mss);
VisBuffer vb(vi);

for (vi; vi.more(); vi++)
{
    All row and in-row selection
    done in MSIter ↔ VisIter
    internally
}
```

MS Selection as part of the Iter. chain



- MSIter / VisIter etc. always sees a Table / MS (as now).
- The current behaviour, of first generating a selected MS and supplying that to the *Iter chain would still work, where useful.
 - Replace the MS by selectedMS and MSSelection module by a NoOp in this picture.
- CASA cloud is always served a *row and in-row selected VB* without further ado