

## B: Algorithm for generating collatedlists VIEW

VIEW algorithm:

```
CREATE ALGORITHM=UNDEFINED DEFINER=`ckingproject`@`%` SQL SECURITY DEFINER VIEW  
`collatedlist` AS
```

```
SELECT `lists`.`AccountID` AS `AccountID`,  
`lists`.`ListID` AS `ListID`,  
`issues`.`IssueID` AS `IssueID`,  
`series`.`Name` AS `Name`,  
`series`.`Author` AS `Author`,  
`issues`.`IssueNumber` AS `IssueNumber`,  
`issues`.`Price` AS `Price`,  
`issues`.`ReleaseDate` AS `ReleaseDate`,  
`listissues`.`Stocked` AS `Stocked`,  
`listissues`.`ListIssueID` AS `ListIssueID`
```

```
FROM (((`tbllists` `lists`  
JOIN `tbllistissues` `listissues` ON  
((`lists`.`ListID` = `listissues`.`ListID`)))  
JOIN `tblissues` `issues` ON  
((`listissues`.`IssueID` = `issues`.`IssueID`)))  
JOIN `tblseries` `series` ON  
((`issues`.`SeriesID` = `series`.`SeriesID`)))  
ORDER BY `lists`.`AccountID`;
```