

# NRAO Science Helpdesk

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## [CASA] MSs created by archive after release of CASA 3.2 incompatible with CASA 3.1

Miriam Krauss - 2020-09-17 - EVLA

An MS created by the EVLA archive which uses CASA 3.2 (after 18 May 2011) will be incompatible with certain tasks in CASA 3.1. For example, the task 'split' will produce errors such as the following:

```
MSTableImpl::addColumnToDesc - Invalid data type: 26,  
2011-07-14 13:21:42 WARN split::SubMS::addOptionalColumns() Could not add column  
PhaseDir_Ref to /data/perseus2/casa_data/n7016/3c48_spw0.ms/FIELD  
MSTableImpl::addColumnToDesc - Invalid data type: 26,  
2011-07-14 13:21:42 WARN split::SubMS::addOptionalColumns() Could not add column  
DelayDir_Ref to /data/perseus2/casa_data/n7016/3c48_spw0.ms/FIELD  
MSTableImpl::addColumnToDesc - Invalid data type: 26,  
2011-07-14 13:21:42 WARN split::SubMS::addOptionalColumns() Could not add column  
RefDir_Ref to /data/perseus2/casa_data/n7016/3c48_spw0.ms/FIELD  
2011-07-14 13:21:42 SEVERE split::ms::split Exception Reported: RecordInterface: field Ref  
is unknown
```

The preferred solution to this issue is to install CASA 3.2.1, which is available at [http://casa.nrao.edu/current\\_casa.shtml](http://casa.nrao.edu/current_casa.shtml). Alternatively, one may download the SDM file set from the EVLA archive and fill the MS using `importevla` in CASA 3.1.