Release Strategy of CCF’s

- all calibration knowledge encapsulated into CCF’s
- releases of CCF constituents are independent of releases of the SAS
- all versions of SAS are backwards compatible w.r.t. CCF’s: all older CCF’s can be used
- new calibration algorithms were required since launch: change of SAS, different structure of CCF’s
- older versions of SAS incompatible with some more recent CCF’s
- future goal: completely control calibration via CCF’s
- CCF’s which require new functionality are only issued together with the SAS containing these functions
Releases of New CCF’s

- generally it is recommended that the user keeps local installation in step with SAS releases
- in the following it is assumed that the user has an older SAS than the latest issued version
- the CCF release note indicates minimum version of SAS required
- two cases:
  - New CCF compatible with local SAS
    - just download new CCF
  - New CCF incompatible with local SAS
    - use `analysisdate=` release date of the local SAS

- CCF’s which cannot be handeled by the SAS will cause an error
Use of CCF with different SAS Versions

- In order to use the latest calibrations, the following settings should be chosen

<table>
<thead>
<tr>
<th>Version of SAS</th>
<th>Value of <strong>SAS_CCFPATH</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>public</td>
<td>/data/ccf/public</td>
</tr>
<tr>
<td>pps</td>
<td>/data/ccf/public:\</td>
</tr>
<tr>
<td></td>
<td>/data/ccf/releasetrack</td>
</tr>
<tr>
<td>develop</td>
<td>/data/ccf/public:\</td>
</tr>
<tr>
<td></td>
<td>/data/ccf/releasetrack:\</td>
</tr>
<tr>
<td></td>
<td>/data/ccf/devel</td>
</tr>
</tbody>
</table>
Additional Information

- Information about new CCF’s by subscription to
  mailto: ccf-request@xmm.vilspa.esa.es?subject=subscribe

- location of CCF constituents
  http://xmm.vilspa.esa.es/ccf/

- information about CCF
  http://xmm.vilspa.esa.es/ccf/releasenotes/

- general information about calibrations
  http://xmm.vilspa.esa.es/calibration/