

How to find what versions of SAS Base and other SAS Packages you are using?

(posted on 2/26/2020)

SAS® has been generating many new versions of Base SAS. Other SAS packages often have version numbers that don't necessarily align with BASE SAS versions.

When you look at <https://support.sas.com/en/support-home.html> to find syntax requirements for your code project you will need to verify what BASE SAS versions you are using. The same hold true for any other SAS packages versions you are using at your site.

- Which of these can be used and gives you the most information? Note that option **(d)** is a valid SAS procedure but the full code is not listed in the answer below.
 - a) Look at the LOG
 - b) PROC SETINIT; run;
 - c) PROC PRODUCT_STATUS; run;
 - d) PROC EXPLODE; ~;

The best answer is (c). In this post, let's look at both (b) and (c) options since many people use PROC SETINIT. The code used for this post ran on the "SAS OnDemand for Academics".

Log Output sections running:

PROC SETINIT; run;

```
Current version: 9.04.01M6P110718
Site name:      'SAS ONDEMAND FOR ACADEMICS'.
Expiration:     31DEC2020.
Grace Period:   45 days (ending 14FEB2021).
Warning Period: 45 days (ending 31MAR2021).
System birthday: 07FEB2019.
Operating System:  LIN X64 .
Product expiration dates:
---Base SAS Software                31DEC2020 (CPU A)
---SAS/STAT                          31DEC2020 (CPU A)
---SAS/GRAPH                          31DEC2020 (CPU A)
---SAS/ETS                            31DEC2020 (CPU A)
---SAS/OR                             31DEC2020 (CPU A)
---SAS/IML                            31DEC2020 (CPU A)
---SAS/QC                              31DEC2020 (CPU A)
---SAS/CONNECT                        31DEC2020 (CPU A)
---SAS Enterprise Miner               31DEC2020 (CPU A)
---SAS Integration Technologies       31DEC2020 (CPU A)
---SAS/Secure 168-bit                31DEC2020 (CPU A)
---SAS Enterprise Miner Server        31DEC2020 (CPU A)
---SAS Enterprise Miner Client        31DEC2020 (CPU A)
---SAS Credit Scoring                31DEC2020 (CPU A)
---SAS Text Miner                    31DEC2020 (CPU A)
---SAS High-Performance Forecasting   31DEC2020 (CPU A)
---SAS Enterprise Guide               31DEC2020 (CPU A)
---Forecast Server Conditional Setinit 31DEC2020 (CPU A)
---OR OPT                             31DEC2020 (CPU A)
---OR PRS                             31DEC2020 (CPU A)
---OR IVS                             31DEC2020 (CPU A)
---OR LSO                             31DEC2020 (CPU A)
---SAS/ACCESS Interface to PC Files   31DEC2020 (CPU A)
---SAS/ACCESS Interface to MySQL      31DEC2020 (CPU A)
---SAS Forecast Studio                31DEC2020 (CPU A)
---SAS Forecast Server Mid-Tier       31DEC2020 (CPU A)
---SAS/IML Studio                     31DEC2020 (CPU A)
---SAS Workspace Server for Local Access 31DEC2020 (CPU A)
---SAS Workspace Server for Enterprise Access 31DEC2020 (CPU A)
---SAS/ACCESS to Postgres              31DEC2020 (CPU A)
---High Performance Suite              31DEC2020 (CPU A)
---SAS Add-in for Microsoft Excel     31DEC2020 (CPU A)
---SAS Time Series Workspace Macros    31DEC2020 (CPU A)
```

Log Output sections running:

PROC PRODUCT_STATUS; run;

```
For Base SAS Software ...
  Custom version information: 9.4_M6
  Image version information: 9.04.01M6P110718
For SAS/STAT ...
  Custom version information: 15.1
For SAS/GRAPH ...
  Custom version information: 9.4_M6
For SAS/ETS ...
  Custom version information: 15.1
For SAS/OR ...
  Custom version information: 15.1
  Image version information: 9.04.01M6P050819
For SAS/IML ...
  Custom version information: 15.1
For SAS/QC ...
  Custom version information: 15.1
For SAS/CONNECT ...
  Custom version information: 9.4_M6
For SAS Enterprise Miner ...
  Custom version information: 15.1
For SAS Time Series Workspace Macros ...
  Custom version information: 15.1
  Image version information: 9.04.01M5P110718
For SAS/ACCESS to Postgres ...
  Custom version information: 9.4_M6
For SAS Integration Technologies ...
  Custom version information: 9.4_M6
For SAS/Secure 168-bit ...
  Custom version information: 9.41_M3
For SAS Credit Scoring ...
  Custom version information: 15.1
For SAS Text Miner ...
  Custom version information: 15.1
For SAS High-Performance Forecasting ...
  Custom version information: 15.1
For High Performance Suite ...
  Custom version information: 2.2_M7
For SAS Forecast Server Mid-Tier ...
  Custom version information: 15.1
  Image version information: 9.04.01M5P110718
For SAS/ACCESS Interface to PC Files ...
  Custom version information: 9.4_M6
For SAS/ACCESS Interface to MySQL ...
  Custom version information: 9.4_M6
```

NOTE: PROC EXPLODE is not ODS Compliant. It can be fun now and then but not useful to find what versions you are using.

Output from a sample PROC EXPLODE code:

```
***** * *      * *** * *          *** * ***          * *
*   ** * * * * * * * *          * * * * * *          * *
*   * * * * * * * * *          * * * * * *          * *
***** * **      * * * * *      *         ***** *      * *
*   * * * * * * * * *          * * * * * *          * *
*   * * * * * * * * *          * * * * * *          * *
***** * *   ***      ***      *          *** * * * ***      * *

```

<http://support.sas.com/documentation/onlinedoc/base/91/explode.pdf>

Some additional documentation on PROC PRODUCT_STATUS in:

David D. Chapman (NESUG 2012). Determine What SAS® Version and Components Are Available
<https://www.lexjansen.com/nesug/nesug12/ma/ma10.pdf>