

PLUGIN - Enable the Natural Plug-In Components

This Natural profile parameter is for mainframes only.

It is used to enable new or additional Natural components without having to link new components to your Natural nucleus or to apply specific fixes.

Possible settings	ON	Activates all plug-in components and is equivalent to <code>PLUGIN=(BP,PL)</code> .
	OFF	Deactivates all plug-in components and is equivalent to <code>PLUGIN=(NOBP,NOPL)</code> .
	BP	Activates the enhanced buffer pool manager, buffer pool cache and the enhanced SYSBPM application.
	PL	<p>Activates the enhanced program loader.</p> <p>The enhanced program loader uses the Adabas multi fetch option to significantly reduce the number of Adabas calls necessary to load a Natural object.</p> <p>The more objects are loaded into the Natural buffer pool and the larger the objects are, the higher the saving of Adabas calls.</p> <p>If parameter <code>PLUGIN=PL</code> is specified, the value specified for the <code>CFWSIZE</code> parameter (default is 32 KB) is automatically increased by 16 KB. Adapt your threadsizes accordingly, if need be.</p> <p>If Natural for VSAM is installed, the enhanced program loader of Natural also supports VSAM system files. To support the program loader, the internal buffers <code>SFT</code>, <code>FCT</code>, <code>FWA</code>, <code>UPD</code> and <code>VCA</code> must be increased. This results in an increase of the <code>VSIZE</code> and an extended usage of the thread size, which may require adjustment of thread and roll file definitions.</p>
	NOBP	Intended to be used for dynamic specification to reset the <code>PLUGIN</code> setting of the default Natural parameter module <code>NATPARAM</code> .
	NOPL	
Default setting	OFF	
Dynamic specification	YES	
Specification within session	NO	

The plug-in components can be activated or deactivated independently.

The `PLUGIN` parameter can be specified as a single setting or as a setting list enclosed in brackets, e.g. `PLUGIN=(BP,NOPL)`.

Natural sessions using the default buffer pool manager can access only those buffer pools which were initialized with `PLUGIN=NOBP`.

Natural sessions using the enhanced buffer pool manager can access any buffer pool.

In multi-user environments using a local buffer pool (for example, under CICS), the `PLUGIN` setting of the first Natural session accessing this buffer pool determines whether the buffer pool is initialized with the default, i.e. the earlier version, (NOBP) or the enhanced buffer pool manager (BP); this means, with `PLUGIN=BP`, the buffer pool is initialized with hash table support.

