

PMIx client to PMIx server compatibility
 (for convenience, we're also listing the OMPI embedded PMIx version)

SLURM uses		SLURM [16.05,17.11) can use PMIx 1.x						Slurm >=17.11 can use PMIx 1.x or 2.x			
OMPI embeds		OMPI 2.1.2	Untested w/ OMPI	OMPI 2.1.3	Untested w/ OMPI	OMPI 3.0.0 / 3.0.1	Untested w/ OMPI	OMPI 3.0.2	Untested w/ OMPI	OMPI 3.1.0rc3	OMPI 4.0a1
OMPI embeds:	Client v	PMIx 1.2.3	PMIx 1.2.4	PMIx 1.2.5	PMIx 2.0.0	PMIx 2.0.1	PMIx 2.0.2	PMIx 2.0.3	PMIx 2.1.0	PMIx 2.1.1	PMIx 3.0.0a1
OMPI 2.1.2	PMIx 1.2.3	U	SW	SW	NS	NS	NS	NS	NS	NS	NS
Untested w/ OMPI	PMIx 1.2.4	SW	U	SW	NS	NS	NS	NS	NS	NS	NS
OMPI 2.1.3	PMIx 1.2.5	SW	SW	U	NS	NS	NS	DTW	NS	DTW	DTW
Untested w/ OMPI	PMIx 2.0.0	NS	NS	NS	U	SW	SW	SW	NS	NS	NS
OMPI 3.0.0/3.0.1	PMIx 2.0.1	NS	NS	NS	SW	U	SW	SW	NS	NS	NS
Untested w/ OMPI	PMIx 2.0.2	NS	NS	NS	SW	SW	U	SW	NS	NS	NS
OMPI 3.0.2	PMIx 2.0.3	NS	NS	NS	SW	SW	SW	U	NS	DTW	DTW
Untested w/ OMPI	PMIx 2.1.0	NS	NS	NS	NS	NS	NS	NS	U	SW	NS
OMPI 3.1.0rc3	PMIx 2.1.1	NS	NS	NS	NS	NS	NS	NS	SW	U	DTW
OMPI 4.0a1	PMIx 3.0.0a1	NS	NS	NS	NS	NS	NS	NS	NS	DTW	U

ORTE MCA parameter needed here.

- NS Not supported
- U Unity (needs to be tested)
- DTW Designed to work (needs to be tested)
- SW Should work (needs to be tested)

First cross-version compatible PMIx versions

- 1.2.5
- 2.0.3
- 2.1.1
- 3.0.0

<https://pmix.org/support/faq/how-does-pmix-work-with-containers/>

