

### Class{PowerTrainSetup:Methods}

|  |  |
|--|--|
| LoadDLL (path)                                     | Load DLL at path   |
| UnLoadDLL ()                                       | Unload DLL   |
| Init ()  | Initialize DLL   |
| CleanUp ()   | Cleanup DLL  |
| GetConfiguration (PowerTrainSetup)                 | Get configuration for system target                          |
| GetTargetConfiguration (TargetName)                | <b>ret</b> target configuration as 2D array                  |
| GetAllParams ()                                    | <b>ret</b> all paramters as 1D array                         |
| GetAllProcesses ()                                 | <b>ret</b> all processes as 1D array                         |
| GetAllTargets                                      | <b>ret</b> all targets as 1D array                           |
| GetAllNodes  | <b>ret</b> all nodes as 1D array                             |
| GetParamAttribute (Parameter_IDOrAlias, Attribute) | <b>ret</b> parameter attribute                               |
| GetProcessAttribute (Process_ID, Attribute)        | <b>ret</b> process attribute                                 |
| GetNodeConfig_Array (Node)                         | <b>ret</b> node configurationan as 2D array                  |
| GetNodeConfig_FlattenedString (Node)               | <b>ret</b> node configuration as a (LabVIEW)flattened string |
| GetAssociationTable ()                             | <b>ret</b> assciation table as 2D array                      |

Three methods must be called before calling any other methods of the class.They are '*LoadDll()*', '*Init()*' and '*GetConfiguration()*'. Make sure to clean and unload the DLL at the end with '*CleanUp()*' and '*UnLoadDLL()*' methods respectively.

### Configuration array to database

|                          |  |
|--------------------------|--|
| config_to_db-<br>(array) | <b>ret</b> database(json object) of the 2D array |
|--------------------------|--|



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