Visual Paradigm Online Free Edition

dict

IConfigurator
- _registry: str
- _default: None
- _name: str
- _configurable
- _dependencies: (str,str)-dict
- _default
- _label: str
- _widget: str
- _doc_: str

+__init__(name: str, **kwargs)
+configure()
+set_configured(configured) : None
+is_configured()
+set_configurable(configurable) : None
+check_dependencies(configured: list or str) : bool
+get_information() : str
+name() : str
+dependencies() : (str,str)-dict
+default()
+labe() : str
+widget() : str

MDANSE.Core.Error.Error
- _msg: str

+__init__(msg: str or None)
+__str__() : str

ConfiguratorError
- _message: str
- _configurator: Configurator object

+__init__(message: str, configurator: None or Configurator object)
+__str__() : str
+configurator() : Configurator object

MDANSE.Framework.UserDefinitionStore.UserDefinitionStoreError

MDANSE.MolecularDynamics.Trajectory.<global>
+find_atoms_in_molecule()

AtomsListConfigurator
- _default: None
- _nAtoms: int

+__init__(name: str, natoms: int, **kwargs)
+configure(value: str) : None
+get_information() : str

AxisSelection
- _default: None

+configure(value: tuple or str) : None
+get_information() : str

BasisSelection
- _default: None

+configure(value: str) : None
+get_information() : str

AtomSelectionConfigurator
- _default: str

+configure(value: str) : None
+get_natoms() : dict
+get_indexes() : dict
+get_information() : str

AtomTransmutationConfigurator
- _default: None

+configure(value: str)
+transmutate(selection: list of int, element: str) : None
+get_information() : str

MultipleChoicesConfigurator
- _default: list
- _choices: list
- _nChoices: int

+__init__(name: str, choices: list or None, nChoices: int or None, **kwargs)
+configure(values: list) : None
+get_information() : str
+choices() : list
+nChoices() : int

SingleChoiceConfigurator
- _default: list
- _choices: list

+__init__(name: str, choices: list or None, **kwargs)
+configure(value: list) : None
+choices() : list
+get_information() : str

WeightsConfigurator
- _default: str

+__init__(name: str, **kwargs)
+configure(values:) : None
+get_weights() : dict
+get_information() : str

InterpolationOrderConfigurator
- _default: str

+__init__(name: str, orders=None, **kwargs)
+configure(value: str) : None

GroupingLevelConfigurator
- _default: str

+__init__(name: str, choices: str or None, **kwargs)
+configure(value: str) : None
+find_parent(atom: MMTK.Atom, level: int) : MMTK.Atom
+get_information() : str

VectorConfigurator
- _default: 3-list
- _valueType: type
- _normalize: bool
- _notNull: bool
- _dimension: int

+__init__(name: str, valueType: type, normalize: bool, notNull: bool, dimension: int, **kwargs)
+configure(value: sequence-like) : None
+valueType() : type
+normalize() : bool
+notNull() : bool
+dimension() : int
+get_information() : str

MDANSE.Framework.UserDefinitionStore.UD_STORE
- __metaclass__: MDANSE.Core.Singleton.Singleton
- UD_PATH: str
- _definitions: dict

+__init__()
+definitions() : dict
+load() : None
+save() : None
+remove_definition(*defs) : None
+set_definition(target, section, name, value) : None
+filter(*defs) : list
+get_definition(*defs) : any
+has_definition(*args) : bool

QVectorsConfigurator
- _default: tuple

+configure(value: 2-tuple or str) : None
+get_information() : str

PartialChargeConfigurator
- _default: str

+configure(value: str) : None
+get_information() : str

TrajectoryVariableConfigurator
- _default: str

+configure(value: str) : None
+get_information() : str

ProjectionConfigurator
- _default: None

+configure(value: 2-tuple) : None
+get_information() : str

RunningModeConfigurator
+availableModes: 2-list
- _default: 2-tuple

+configure(value: str or 2-tuple) : None
+get_information() : str

McStasOptionsConfigurator
- _default: dict

+configure(value: dict) : None
+get_information() : str

McStasParametersConfigurator
- _mcStasTypes: dict
- _default: dict
- _exclude: str-list

+__init__(name: str, exclude: str-list or None, **kwargs)
+configure(value: dict) : None
+get_information() : str
+exclude() : str-list

OutputDirectoryConfigurator
- _default: str
- _new: bool

+__init__(name: str, new: bool, **kwargs)
+configure(value: str) : None
+get_information() : str

InputDirectoryConfigurator
- _default: str

+configure(value: str) : None
+get_information() : str

OutputFilesConfigurator
- _default: 2-tuple
- _formats: str-list

+__init__(name: str, formats: str-list or None, **kwargs)
+configure(value: 3-tuple) : None
+get_information() : str
+formats() : str-list

InputFileConfigurator
- _default: str
- _wildcard: str

+__init__(name: str, wildcard: str, **kwargs)
+configure(value: str) : None
+get_information() : str
+wildcard() : str

MMTKNetCDFTrajectoryConfigurator
- _default: str

+configure(value: str) : None
+get_information() : str

NetCDFInputFileConfigurator
- _default: str
- _variables: str-list

+__init__(name: str, variables: str-list or None, **kwargs)
+configure(value: str) : None
+get_information() : str
+variables() : str-list

PythonScriptConfigurator
- _default: str
- _variables: str-list

+__init__(name: str, variables: str-list or None, **kwargs)
+configure(value: str) : None
+get_information() : str
+variables() : str-list

McStasInstrumentConfigurator

InstrumentResolutionConfigurator
- _default: 2-tuple

+configure(value: 2-tuple) : None
+get_information() : str

RangeConfigurator
- _default: 3-int-tuple
- _valueType: type
- _includeLast: bool
- _sort: bool
- _toList: bool
- _mini: int or float or None
- _maxi: int or float or None

+__init__(name: str, valueType: type, includeLast: bool, sort: bool, toList: bool, mini: int or float or None, maxi: int or float or None, **kwargs)
+configure(value: 3-tuple) : None
+valueType() : type
+includeLast() : bool
+sort() : bool
+toList() : bool
+mini() : int or float or None
+maxi() : int or float or None
+get_information() : str

FramesConfigurator
+__init__(name: str, **kwargs)
+configure(value: 3-tuple of 'all' or None)
+get_information() : str

BooleanConfigurator
- _default: bool
- _shortcuts: dict

+configure(value: bool or str) : None
+get_information() : str

ComplexNumberConfigurator
- _default: int
- _mini: float
- _maxi: float
- _choices: list

+__init__(name: str, mini: float or None, maxi: float or None, choices: list or None, **kwargs)
+get_information() : str
+configure(value: complex) : None
+mini() : float
+maxi() : float
+choices() : complex-list

FloatConfigurator
- _default: int
- _mini: float
- _maxi: float
- _choices: list

+__init__(name: str, mini: float or None, maxi: float or None, choices: list or None, **kwargs)
+configure(value: float) : None
+get_information() : str
+mini() : float
+maxi() : float
+choices() : float-list

IntegerConfigurator
- _default: int
- _mini: int
- _maxi: int
- _choices: int-list

+__init__(name: str, mini: int or None, maxi: int or None, choices: list or None, **kwargs)
+configure(value: int) : None
+get_information() : str
+mini() : int
+maxi() : int
+choices() : int-list

StringConfigurator
- _default: str
- _evalType: object or None
- _acceptNullString: bool

+__init__(name: str, evalType: object or None, acceptNullString: bool, **kwargs)
+configure(value: str) : None
+acceptNullString() : bool
+evalType() : object or None
+get_information() : str

PythonObjectConfigurator
- _default: str

+configure(value: str or int or float or complex or list or dict or tuple or bool or None) : None
+get_information() : str

MDANSE.Framework.AtomSelectionParser.AtomSelectionParserError

MDANSE.Framework.AtomSelectionParser.AtomSelectionParser
- _universe

+__init__(universe)
+operator_and(token) : str
+operator_not(token) : str
+operator_or(token) : str
+parse_arguments(token) : str
+parse_expression(token) : str
+parse_keyword(token) : str
+parse_selection_expression(expressino: str)
+parse(expression) : list

MDANSE.ELEMENTS
- __metaclass__: MDANSE.Core.Singleton.Singleton
- _DEFAULT_DATABASE: str
- _USER_DATABASE: str
- _TYPES: dict
- _data: collections.OrderedDict
- _properties: collections.OrderedDict

+__init__()
+__contains__(ename: str) : bool
+__getitem__(item: str or tuple) : str or int or float
+__setitem__(item: 2-tuple, value: str or int or float) : None
+__iter__()
- _export_csv(filename: str, delimiter: str, lineterminator: str, restval: str) : None
- _export_xml(filename: str) : None
- _load(filename: str) : None
+add_element(ename: str) : None
+add_property(pname: str, typ: str) : None
+elements() : list
+export(fmt: str, filename: str, *args, **kwargs) : None
+get_element(ename: str) : dict
+get_elements() : list
+get_isotopes(ename: str) : list
+get_properties() : list
+get_property(pname: str) : collections.OrderedDict
+get_property_type(pname: str) : str or int or float
+get_numeric_properties() : list
+has_element(ename: str) : bool
+has_property(pname: str) : bool
+info(ename: str) : str
+match_numeric_property(pname: str, value: int or float, tolerance: float) : list
+nElements() : int
+nProperties() : int
+number_of_elements() : int
+number_of_properties() : int
+numericProperties() : list
+properties() : list
- _reset() : None
+save() : None

MDANSE.Data.ElementsDatabase.ElementsDatabaseError

MDANSE.PLATFORM

instance

0..1

MDANSE.Core.Platform.PlatformMac
+name: str

MDANSE.Core.Platform.PlatformLinux
+name: str

MDANSE.Core.Platform.PlatformWin
+name: str

+application_directory() : str
+get_process_creation_time(process: int) : int
+get_processes_info() : dict
+home_directory() : str
+kill_process(pid: int) : None

MDANSE.Core.Platform.PlatformPosix
+home_directory() : str
+kill_process(pid: int) : None
+application_directory() : str
+etime_to_ctime(etime: str) : str
+get_processes_info() : dict

MDANSE.Core.Platform.Platform
- __metaclass__: abc.ABCMeta
- __instance: None

+__new__(*args, **kwargs) : Platform
+application_directory() : None
+doc_path() : str
+jobs_launch_delay() : float
+api_path() : str
+help_path() : str
+local_mmtk_database_directory() : str
+full_dotted_module(obj: module or class) : str
+change_directory(directory: str) : None
+is_directory_writeable(path: str) : bool
+create_directory(path: str) : None
+get_path(path: str) : str
+database_default_path() : str
+database_user_path() : str
+get_processes_info() : dict
+kill_process(pid: int) : None
+pid() : int
+example_data_directory() : str
+base_directory() : str
+package_directory() : str
+macros_directory() : str
+logfiles_directory() : str
+temprary_files_directory() : str
+username() : str
+home_directory() : str

MDANSE.Core.Platform.PlatformError

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