NAME

> FileIO

SYNOPSIS

> use FileIO::FileIO;

> use FileIO::FileIO qw(:all);

DESCRIPTION

> FIleIO class provides following methods:

> new, Close, Open, SetMode

> FIeIO class serves as a base class for all classes involved in file IO. It is derived from ObjectProperty base class which provides methods not explicitly defined in Atom or ObjectProperty class using Perl's AUTOLOAD functionality. These methods are generated on-the-fly for a specified object property:

```
Set<PropertyName>(<PropertyValue>);
$PropertyValue = Get<PropertyName>();
Delete<PropertyName>();
```

METHODS

> new

>> `$NewFileIO = new FileIO(%NamesAndValues);`

> Using specified *FileIO* property names and values hash, new method creates a new object and returns a reference to a newly created FIleIO object. By default, the following properties are initialized:

```
Name = '';
Mode = 'Read';
Status = 0;
FileHandle = '';
```

> Close

>> `$FileIO->Close();`

> Close open file and returns *FileIO*.

> Open

>> `$FileIO->Open();`

> Opens the file using file *Name* and *Mode* and returns *FileIO*.

> SetMode

>> `$FileIO->SetMode($Mode);`

> Sets up file *Mode* and returns *FileIO* Default *Mode* value: *Read*. Supported *Mode* values:

```
Read, Write, Append, <, >, >>, r, w, a
```

> SetName

>> `$FileIO->SetName($Name);`

> Sets up file *Name* and returns *FileIO*.

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SEE ALSO

> MoleculeFileIO.pm, MDLMolFileIO.pm, SDFileIO.pm

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