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**NAME**

JoinSDFfiles.pl - Join multiple SDFfiles into a single SDFfile

**SYNOPSIS**

JoinSDFfiles.pl SDFfiles...

JoinSDFfiles.pl [-h, --help] [-o, --overwrite] [-r, --root rootname] [-w, --workingdir dirname] SDFfiles...

**DESCRIPTION**

Multiple *SDFfiles* are joined to generate a single SDFfile. The file names are separated by spaces. The valid file extensions are *.sdf* and *.sd*. All other file names are ignored. All the SD files in a current directory can be specified either by *\*.sdf* or the current directory name.

**OPTIONS**

-h, --help

Print this help message.

-o, --overwrite

Overwrite existing files.

-r, --root *rootname*

New SD file name is generated using the root: <Root>.sdf. Default file name: <FirstSDFfileName>1To<Count>Joined.sdf.

-w, --workingdir *dirname*

Location of working directory. Default: current directory.

**EXAMPLES**

To join SD files, type:

```
% JoinSDFfiles.pl -o Sample1.sdf Sample2.sdf
% JoinSDFfiles.pl -o *.sdf
```

To join all Sample\*.sdf files in a directory, SomeDir, and generate a new file NewSample.sdf, type:

```
% JoinSDFfiles.pl -r NewSample -w SomeDir -o *.sdf
```

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**SEE ALSO**

InfoSDFfiles.pl, MolFilesToSD.pl, SDToMolFiles.pl, SplitSDFfiles.pl

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