

```
In[*]:= <<lily`arxiv`
```

```
set the file names
```

```
(*default setting*)  
(*fileNameFormat["ID"<>" "<>"title"<>", "<>"firstAuthor"];*)
```

```
set the paths of input and output
```

```
In[*]:= pathSource="put the folder path containing PDF files here";  
pathTarget="put the exporting path here";
```

```
test data
```

```
In[*]:= pathExample=pathSource  
fileExample=RandomChoice[FileNames[ "__~".pdf"~~EndOfString,pathSource],1]  
stringExample=RandomChoice[fileNamesInPath[pathSource],10]
```

## extractID

```
In[*]:= extractID[]@stringExample
```

```
extractID["file"]@fileExample
```

```
extractID["path"]@pathExample
```

## searchByID

```
In[*]:= searchByID[]@stringExample
```

```
In[*]:= searchByID["file"]@fileExample
```

```
searchByID["path"]@pathExample
```

## downloadByID

```
In[*]:= downloadByID[pathTarget]@stringExample
```

```
In[*]:= downloadByID[pathTarget,"file"]@fileExample
```

```
In[*]:= downloadByID[pathTarget,"path"]@pathExample
```

## generateBibTeXByID

```
In[*]:= generateBibTeXByID[pathTarget,"refs.bib"]@stringExample
```

```
In[*]:= generateBibTeXByID[pathTarget,"refs.bib","file"]@fileExample
```

```
In[*]:= generateBibTeXByID[pathTarget,"refs.bib","path"]@pathExample
```