Managing Files through File System In Pharo

Ruthless Theory

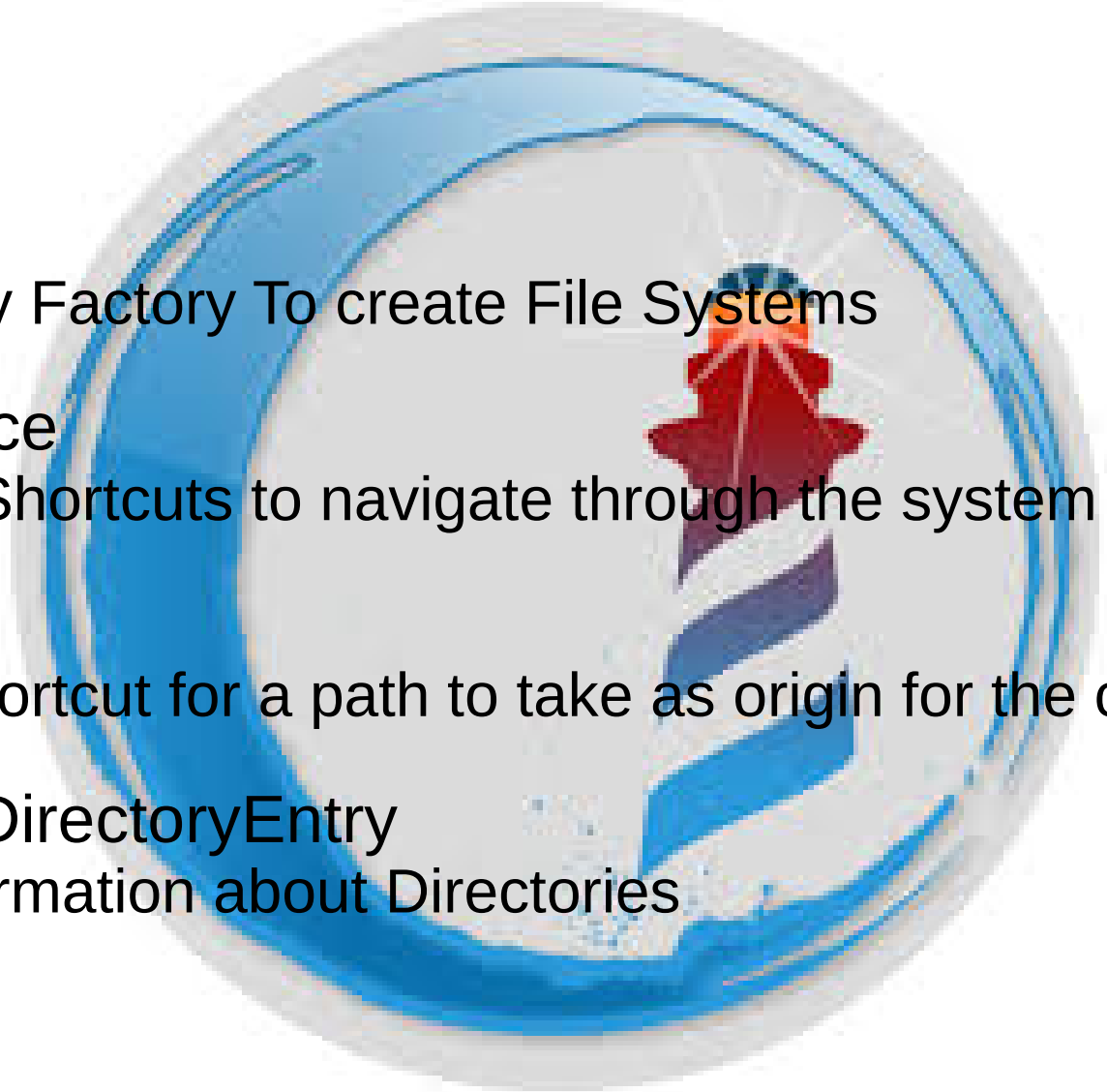
4 Classes :

FileSystem
- Basically Factory To create File Systems

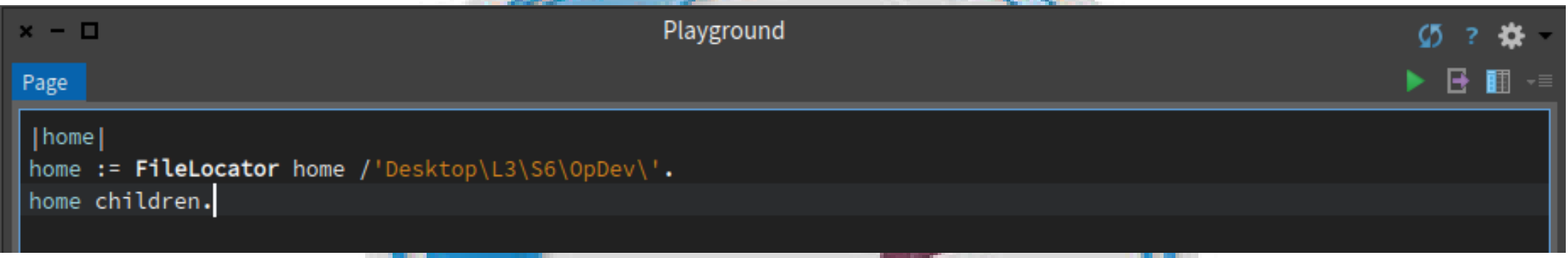
FileReference
- Create Shortcuts to navigate through the system

FileLocator
- Set a shortcut for a path to take as origin for the current prog

FileSystemDirectoryEntry
- Get Information about Directories



Let’s Get It Started



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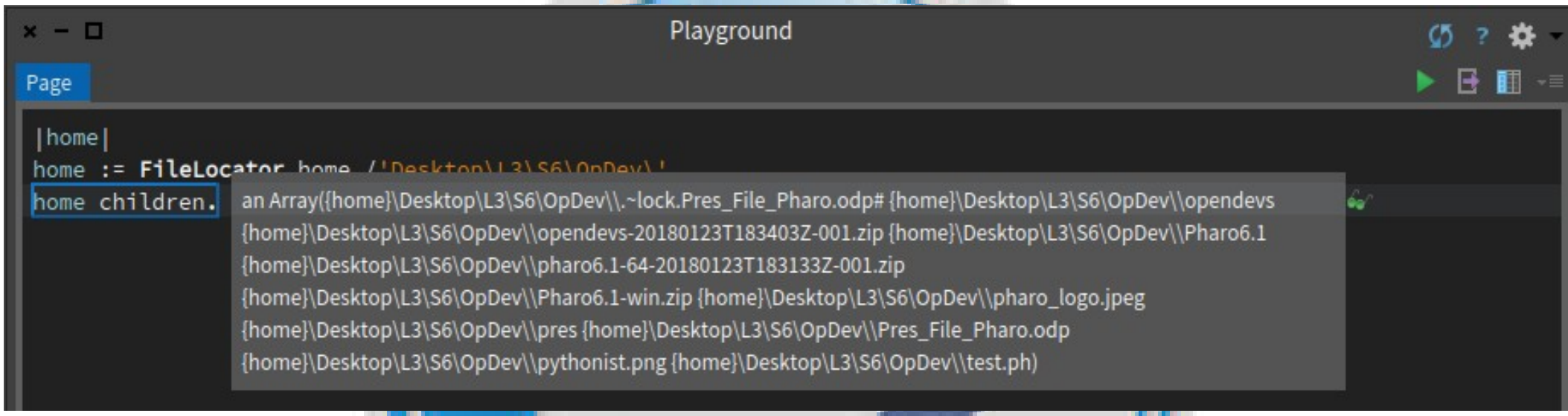
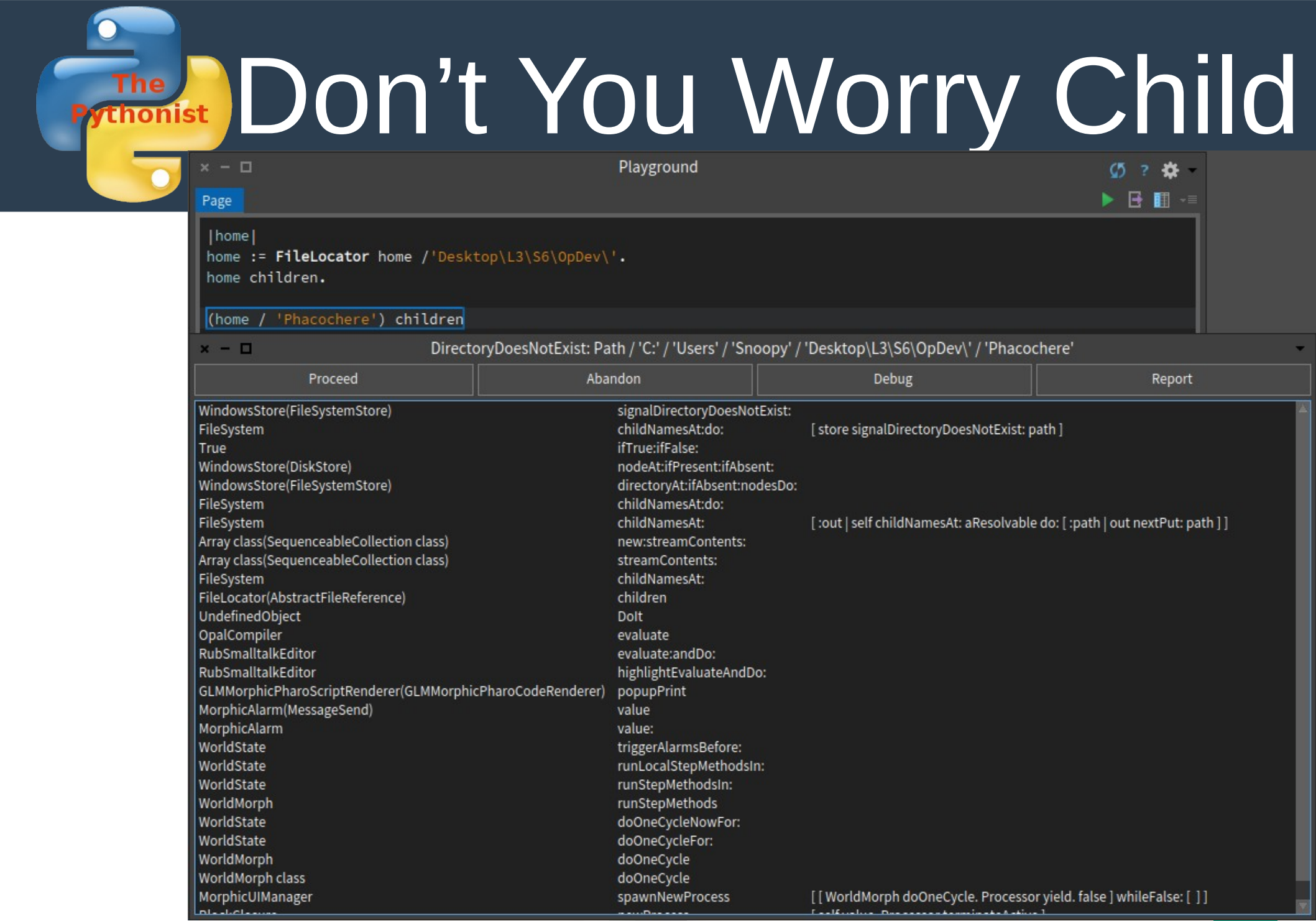


Don’t You Worry Child



Mirrors

Playground

Page

```
|home|
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory') ensureCreateDirectory.
```

File @ C:\Users\Snoopy\Desktop\L3\S6\OpDev\\TestDirectory

Mirrors

Playground

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home := FileLocator home /'Desktop\L3\S6\OpDev\'.
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File @ C:\Users\Snoopy\Desktop\L3\S6\OpDev\\TestDirectory

Playground

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```
|home|
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory\test.txt') ensureCreateFile.
```

{home}\Desktop\L3\S6\OpDev\\TestDirectory\test.txt

Who you are

Playground

Page

```
|home|
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory') ensureCreateDirectory.

(home / 'TestDirectory') isDirectory.
```

true

Playground

Page

```
|home|
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory\test.txt') ensureCreateFile.

(home / 'TestDirectory\test.txt') isFile.
```

true

Wrecking Ball

Playground

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```
|home|
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory\test.txt') ensureCreateFile.

(home / 'TestDirectory\test.txt') isFile.

(home / 'TestDirectory\test.txt') delete.
```

File @ C:\Users\Snoopy\Desktop\L3\S6\OpDev\\TestDirectory\test.txt

```
home := FileLocator home /'Desktop\L3\S6\OpDev\'.
home children.

(home / 'Phacochere') children.

(home / 'TestDirectory') ensureCreateDirectory .

(home / 'TestDirectory') isDirectory .

(home / 'TestDirectory') delete.
```

File @ C:\Users\Snoopy\Desktop\L3\S6\OpDev\\TestDirectory

Written Off

```
(home / 'TestDirectory') ensureCreateDirectory.
(home / 'TestDirectory/test.txt') ensureCreateFile.

stream := (home / 'TestDirectory/test.txt') writeStream.
stream nextPutAll: 'texte'.
stream close.

(home / 'TestDirectory/test.txt') writeStreamDo: [ :stream | stream nextPutAll: 'texte' ].
```

Read All About It

```
streamL := (home / 'TestDirectory/test.txt') readStream.
streamL contents.
streamL close.

(home / 'TestDirectory/test.txt') readStreamDo: [ :streamL | streamL contents ].
```

'texte'

Someone Like You

```
(home / 'TestDirectory') copyAllTo: (home / 'CopyDir').

(home / 'TestDirectory/test.txt') copyTo: (home / 'CopyDir/CopyTest.txt').
```

Goodbye

```
(home / 'TestDirectory.text.txt') delete.

(home / 'TestDirectory') deleteAll.

(home / 'CopyDir') deleteAll.
```