

43 - FICHIERS À ACCÈS DIRECT

Programmation Concurrente - LI330
Université P. & M. Curie - année scolaire 2013/2014

PrC



DIRECT_IO (PRIMITIVES DE GESTION)

```

procedure Create (File : in out File_Type;
                  Mode : in File_Mode := InOut_File;
                  Name : in String := "";
                  Form : in String := "");

procedure Open (File : in out File_Type;
                Mode : in File_Mode;
                Name : in String;
                Form : in String := "");

procedure Close (File : in out File_Type);
procedure Delete (File : in out File_Type);
procedure Reset (File : in out File_Type;
                 Mode : in File_Mode);

procedure Reset (File : in out File_Type);
function Mode (File : in File_Type) return File_Mode;
function Name (File : in File_Type) return String;
function Is_Open (File : in File_Type) return Boolean;
function End_Of_File (File : in File_Type) return Boolean;
function Form (File : in File_Type) return String;

```

Types déclarés:
Count
Positive_Count

Direct_Io est une
unité générique



DIRECT_IO (PRIMITIVES DE MANIPULATION)

-- Lecture

```
procedure Read (File : in File_Type;  
                Item : out Element_Type);
```

```
procedure Read (File : in File_Type;  
                Item : out Element_Type;  
                From : in Positive_Count);
```

-- Écriture

```
procedure Write (File : in File_Type;  
                Item : in Element_Type);
```

```
procedure Write (File : in File_Type;  
                Item : in Element_Type;  
                To   : in Positive_Count);
```

-- Positionnement

```
procedure Set_Index (File : in File_Type;  
                    To   : in Positive_Count);
```

-- Renseignements

```
function Index (File : in File_Type) return Positive_Count;
```

```
function Size (File : in File_Type) return Count;
```