

## TP 2 XML

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### Exercise 1 : XPath

- A) All compositions

`//composition`

- B) All compositions having only one « soloist »

`//performance[count(soloist)=1]/composition`

- C) All performances having only one "orchestra" but no "soloist"

`//performance[count(orchestra)=1 and count(soloist)=0]`

- D) All soloists having played with the London Symphony Orchestra in a CD published by Deutsche

`//CD[publisher="Deutsche"]/performance[orchestra="London Symphony"]/soloist`

- E) All CDs having performances of the London Symphony Orchestra

`//performance[orchestra="London Symphony"]/ancestor::CD`

### Exercise 2 : Xpath

- A) All descendants of the second node "livre"

`//livre[position()=2]/descendant::*`

- B) All "titres" of "livre" nodes representing the following siblings of the first node "livre"

`//livre[position()=1]/following-sibling::* /titre`

- C) "titres" and all descendants of "livre" nodes representing the following siblings of the second node "livre"

`//livre[position()=2]/following-sibling::* /descendant::*`

- D) The last node "livre" having its attribute "genre=jeu"

`//livre[titre[@genre='jeu']][last()]`

- E) The "titre" of the second "livre" with parution="2006"

`//livre[parution='2006'][position()=2]/titre`

### Exercise 3

- A) [Check breakfast.xsl](#)  
B) [Check breakfast\\_2.xsl](#)

### Exercise 4

- A) [Check bib.xsl](#)