

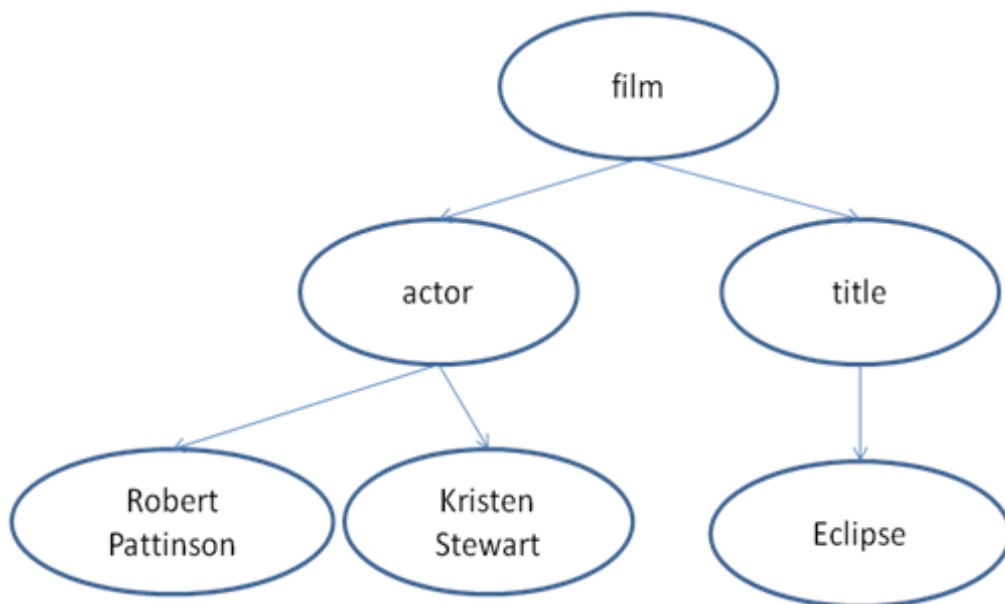
## Foundations of Information Retrieval

### Exercise 7

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### XML Retrieval

1. Given is the following XML-tree:



Compute the number of structural terms  $\langle c, t \rangle$  that can be extracted from this tree. Create a list of the structural terms.

2. Given the above XML-tree, create an example query that can be answered by an index over the lexicalized subtrees, but not by an index over the structural terms.

3. Compute the score of the document Doc9 for the query ST1 using the index information below.

