

## Arbres de Binaires de Recherches Compressés

Devoir de programmation Ouverture

#### Membres



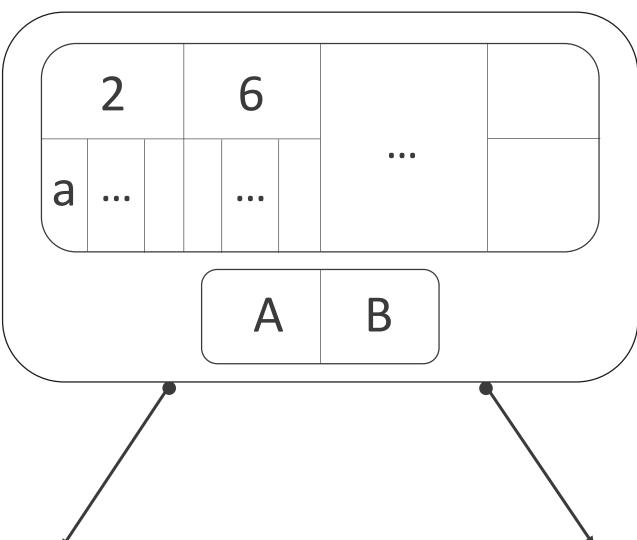




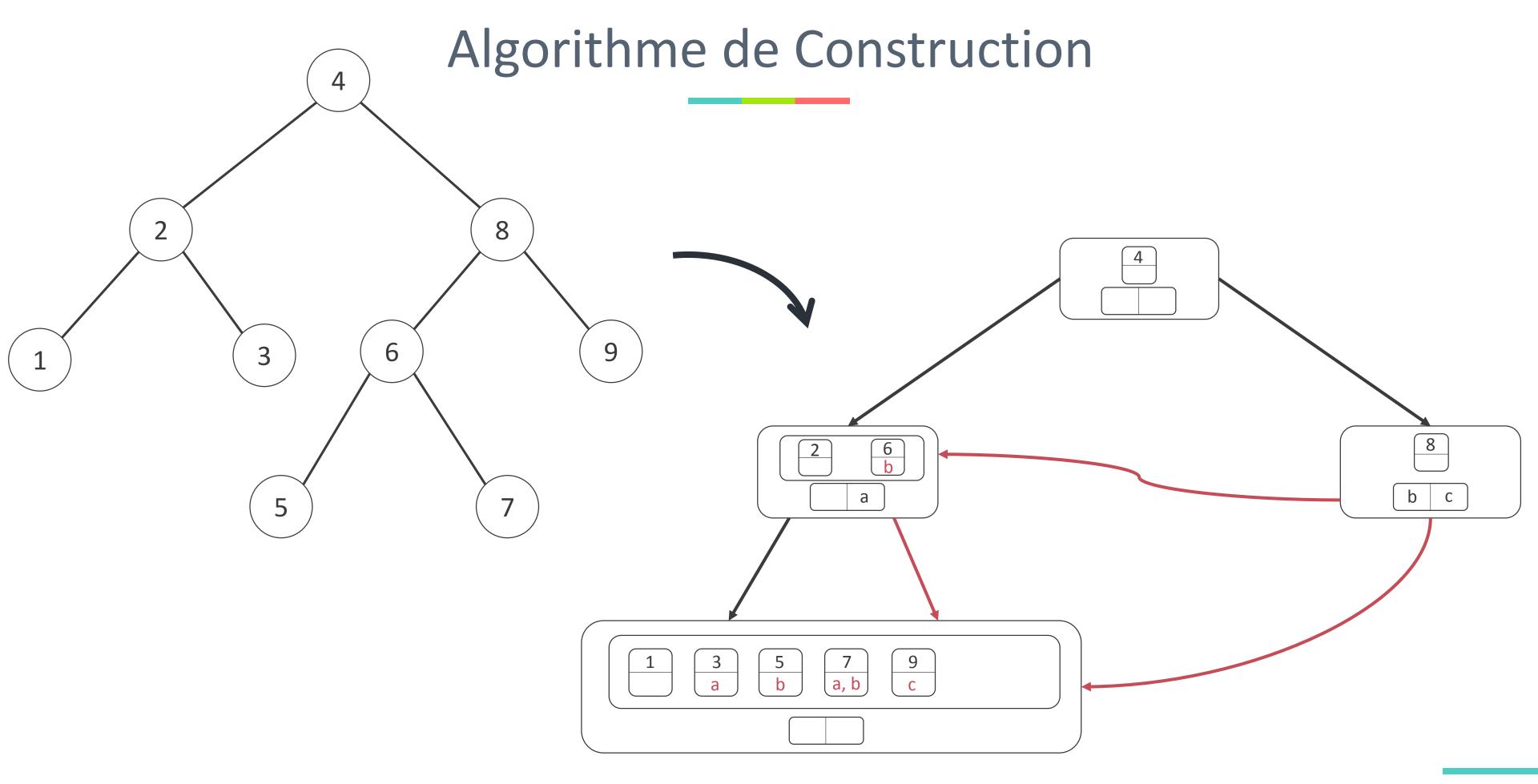
## Notre Structure

#### Structure de l'arbre compressé

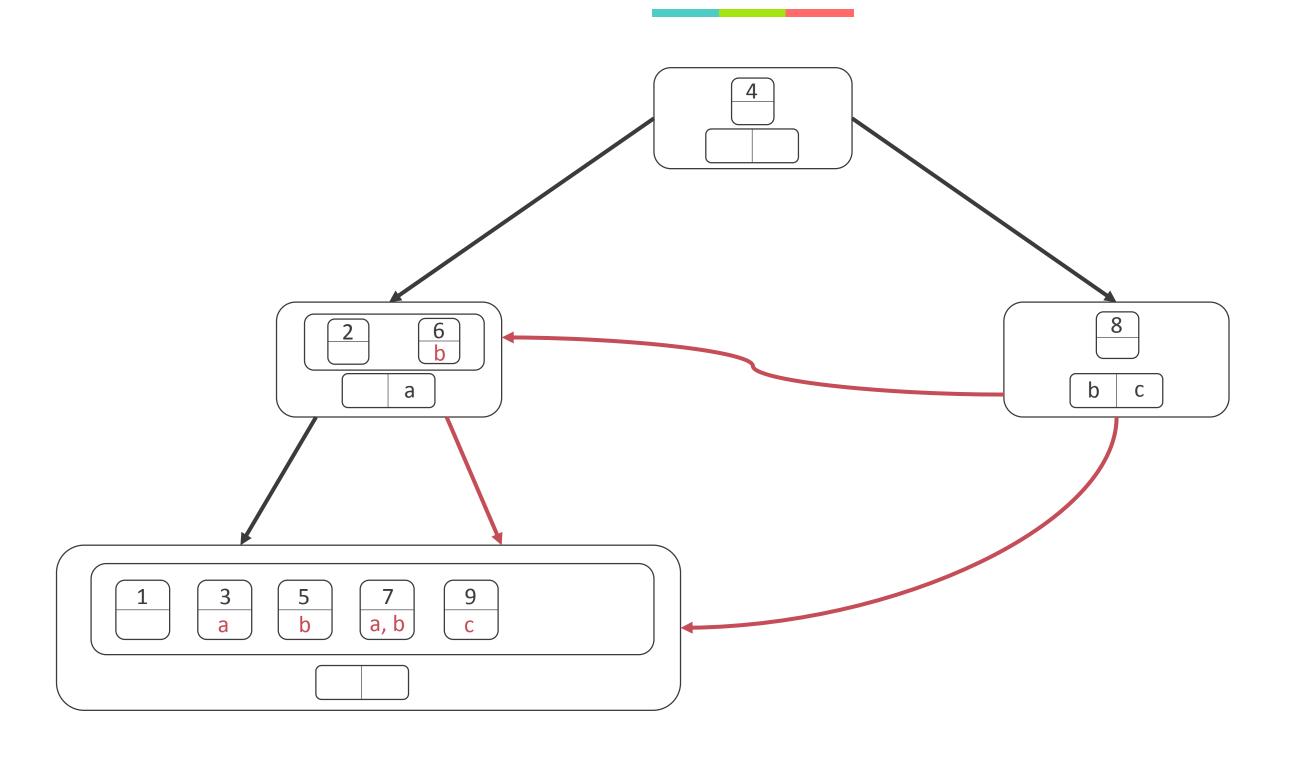
```
type ('a,'b) pointeurAbr = Null | Pointeur of ('a, 'b) abrCompresse ref
and ('a,'b) abrCompresse = EmptyCL | NodeC of ('a, 'b) contentNode
and ('a,'b) contentNode = {
    mutable valuesNode: 'a;
    labelArcsRouge: ('b * 'b);
    abrGauche: ('a,'b) pointeurAbr;
    abrDroite: ('a,'b) pointeurAbr
```



## Nos Algorithmes

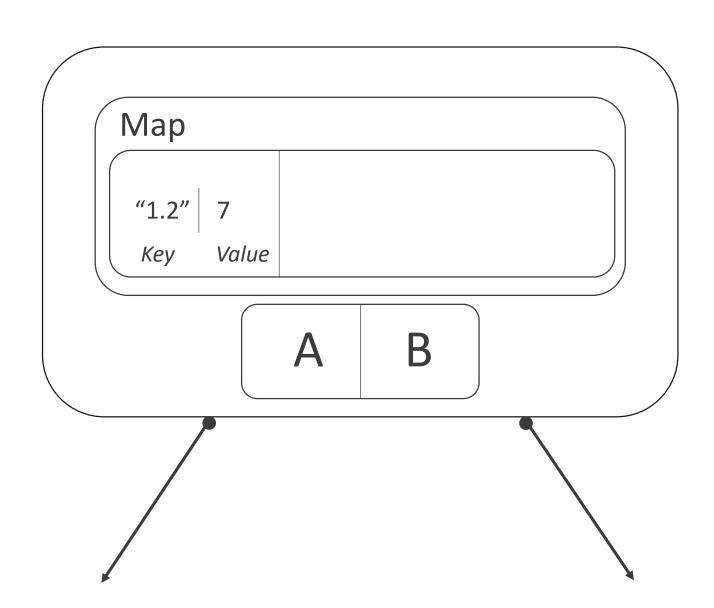


### Algorithme de Recherche



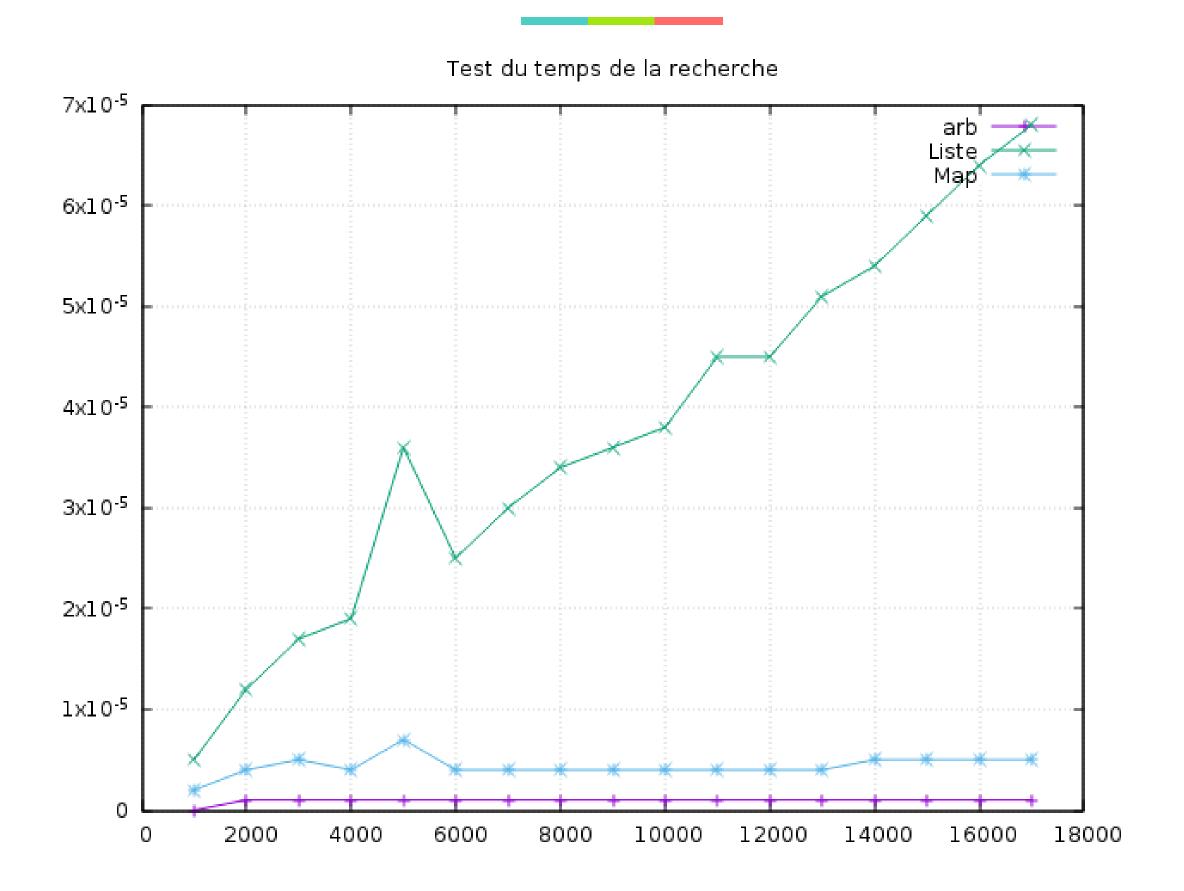
### La compression avec une Map

module M=Map.Make(String);;

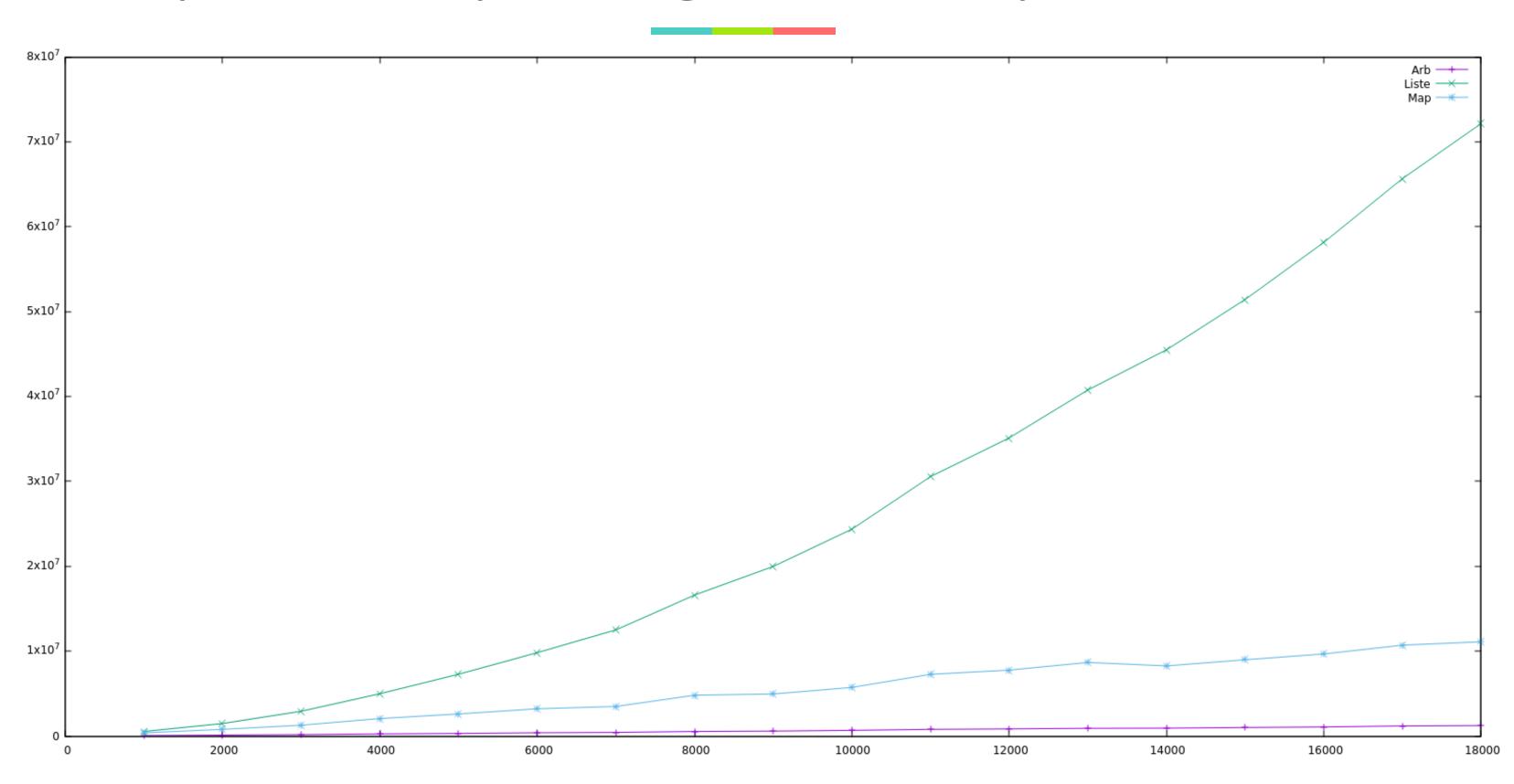


# Expérimentations

### Complexité en temps des algorithmes de recherche



#### Complexité en espace du gain de la compression des ABR



Merci

Des questions ?