

## 2-3 tree construction demo

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insert S

## 2-3 tree construction demo

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insert E



convert 2-node into 3-node

## 2-3 tree construction demo

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insert E



## 2-3 tree construction demo

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insert A



## 2-3 tree construction demo

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insert A



## 2-3 tree construction demo

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insert A



convert 3-node into 4-node

## 2-3 tree construction demo

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insert A



## 2-3 tree construction demo

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insert A



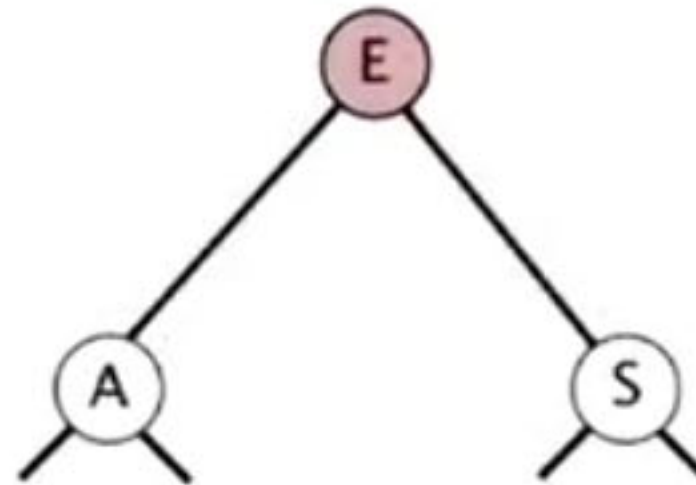
split 4-node  
(move E to parent)



## 2-3 tree construction demo

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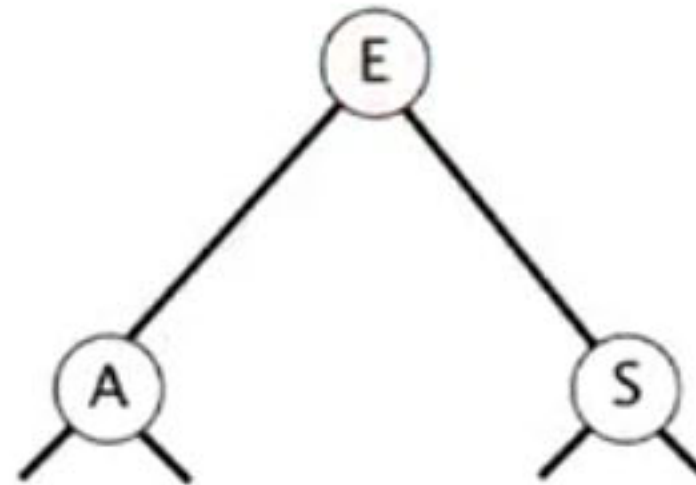
insert A



## 2-3 tree construction demo

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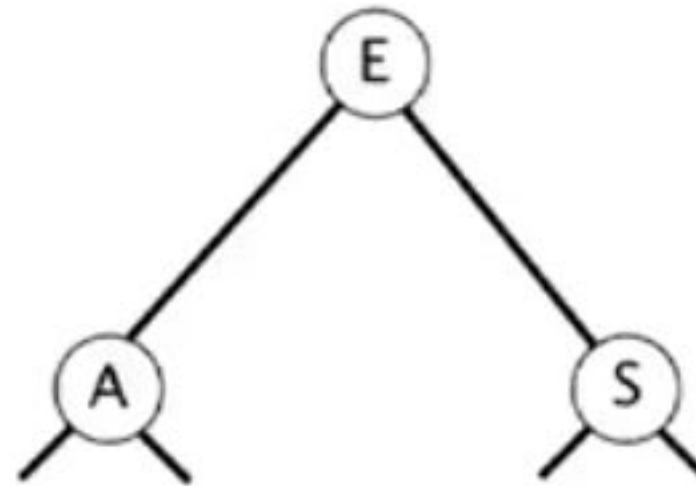
2-3 tree



## 2-3 tree construction demo

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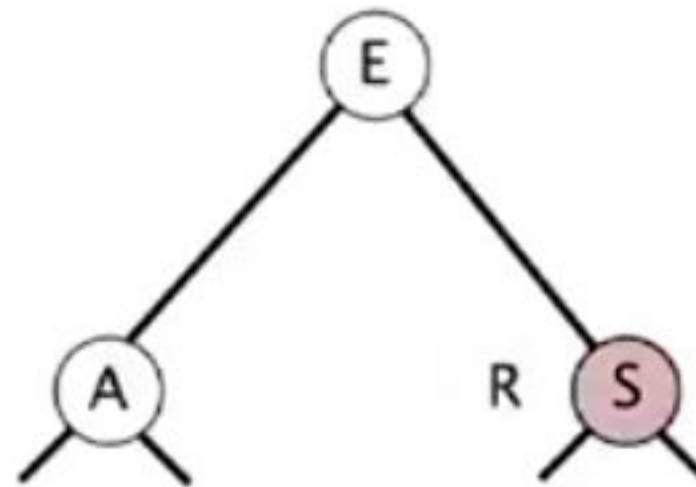
insert R



## 2-3 tree construction demo

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insert R

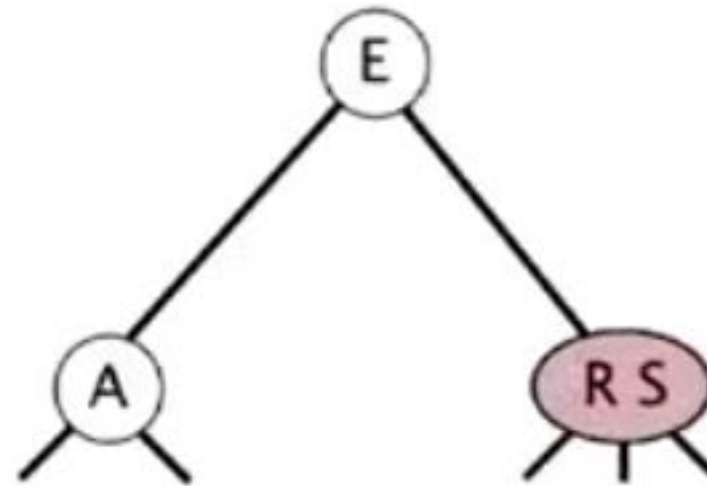


convert 2-node into 3-node

## 2-3 tree construction demo

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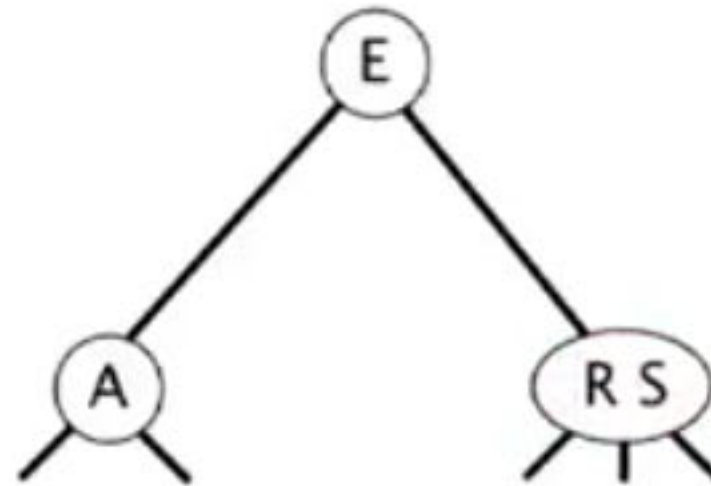
insert R



## 2-3 tree construction demo

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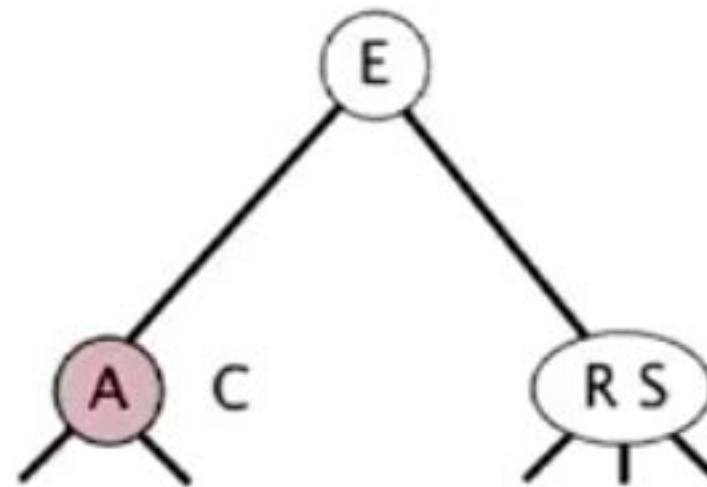
insert C



## 2-3 tree construction demo

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insert C

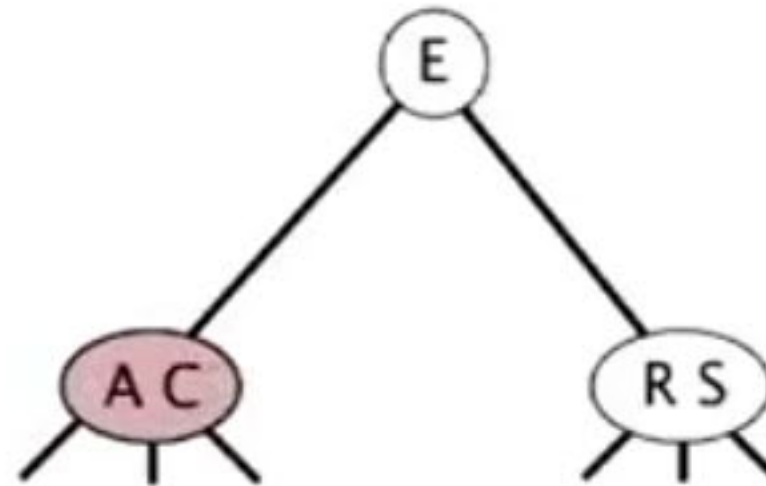


convert 2-node into 3-node

## 2-3 tree construction demo

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insert C

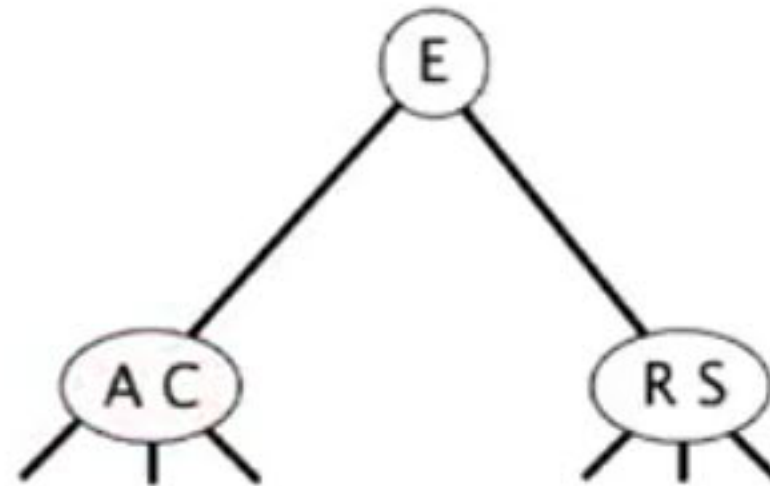




## 2-3 tree construction demo

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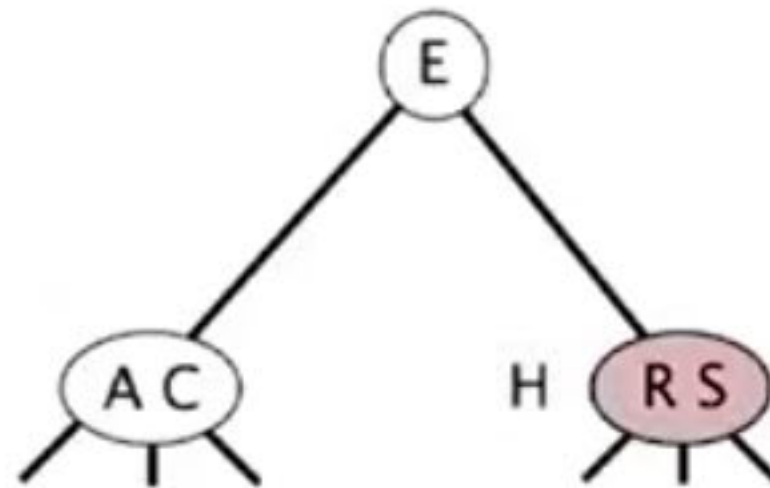
2-3 tree



## 2-3 tree construction demo

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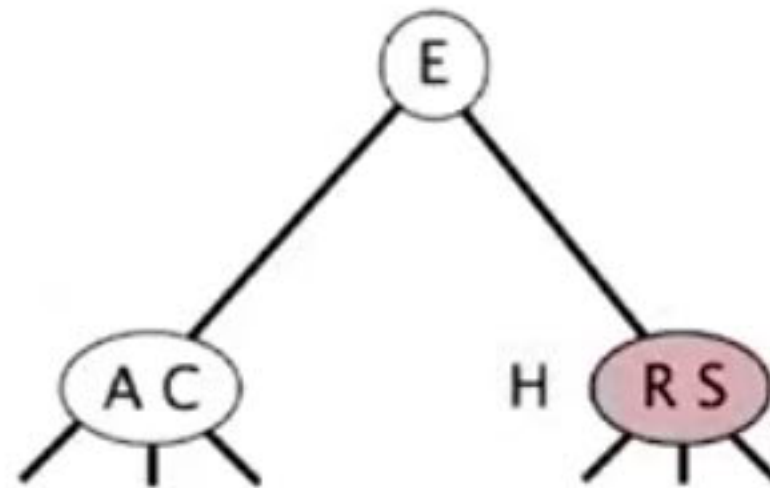
insert H



## 2-3 tree construction demo

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insert H

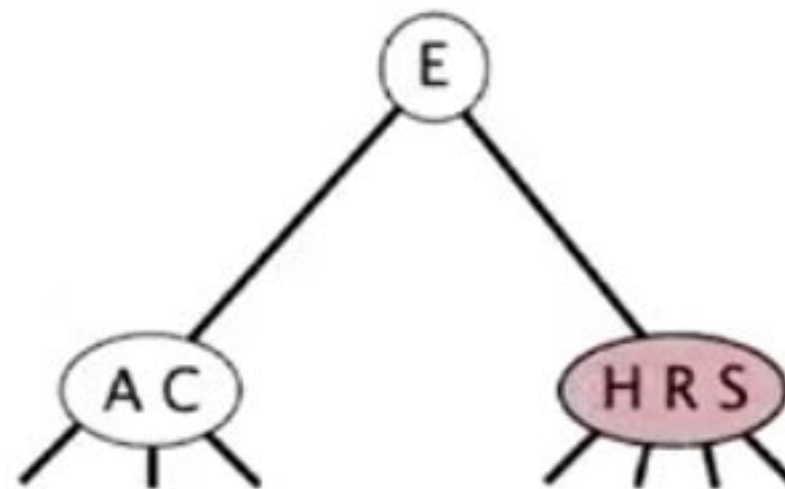


convert 3-node into 4-node

## 2-3 tree construction demo

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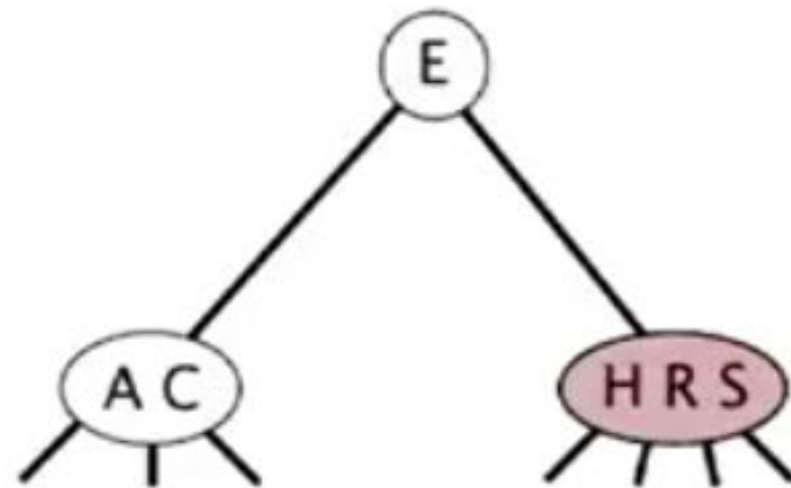
insert H



## 2-3 tree construction demo

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insert H

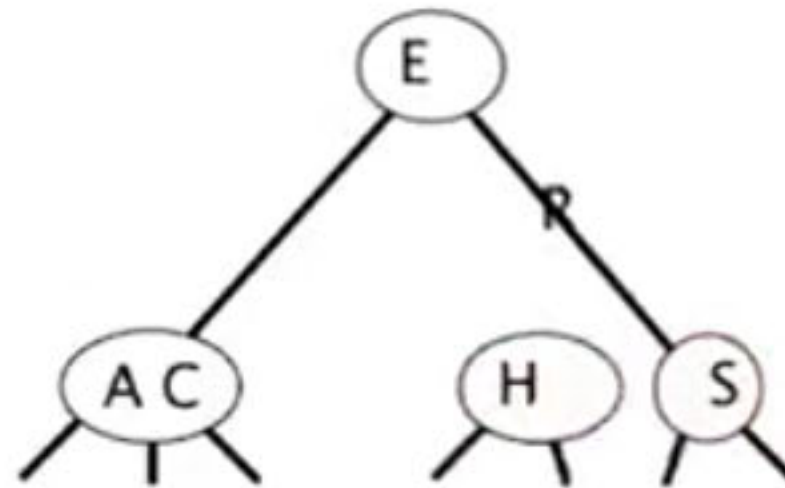


split 4-node  
(move R to parent)

## 2-3 tree construction demo

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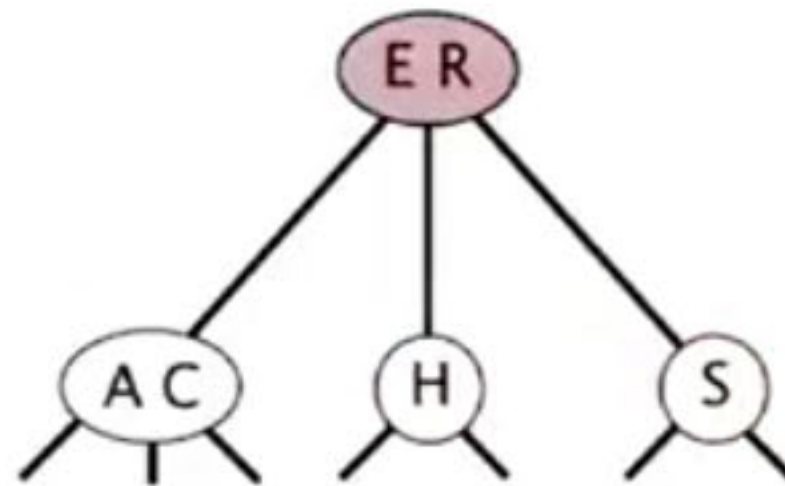
insert H



## 2-3 tree construction demo

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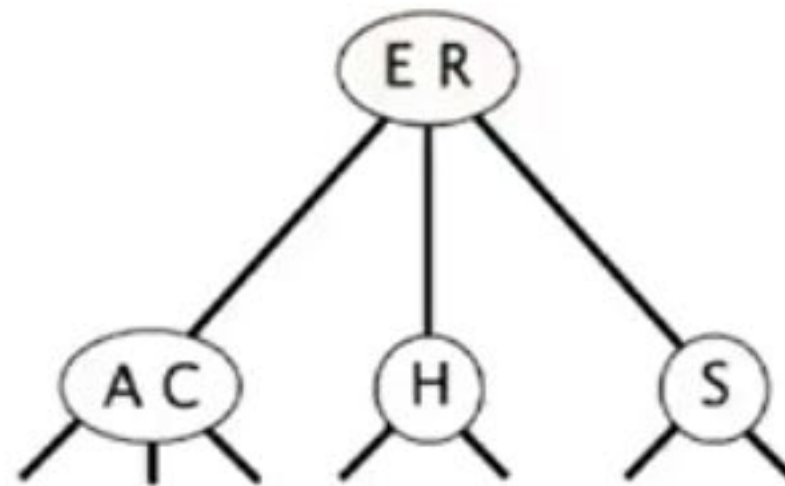
insert H



## 2-3 tree construction demo

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2-3 tree

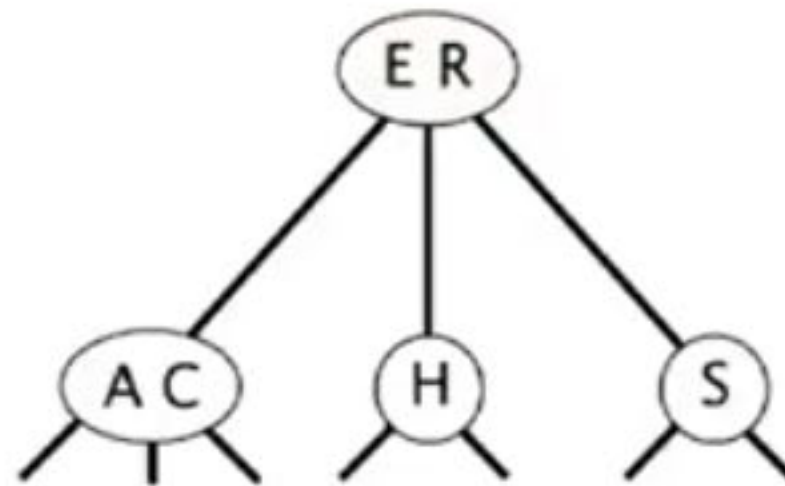




## 2-3 tree construction demo

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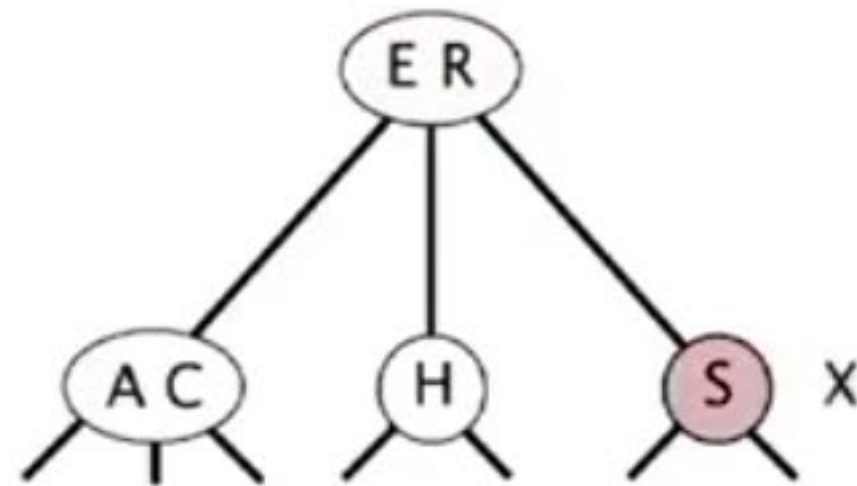
insert X



## 2-3 tree construction demo

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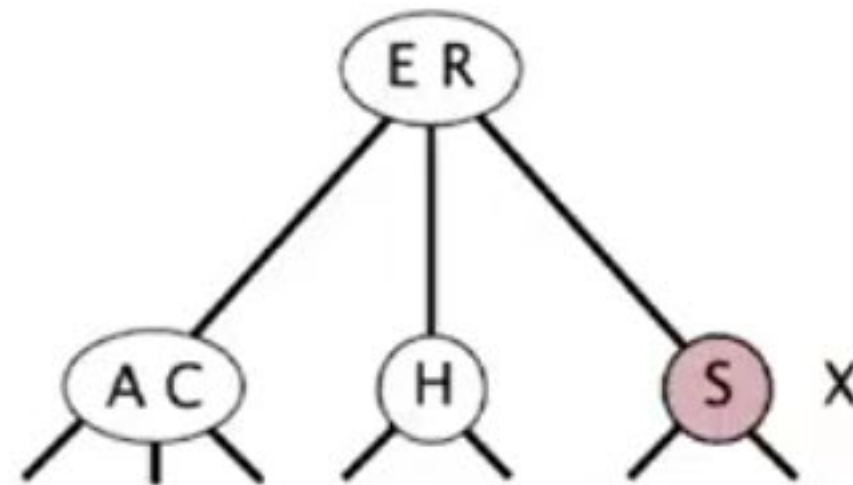
insert X



## 2-3 tree construction demo

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insert X

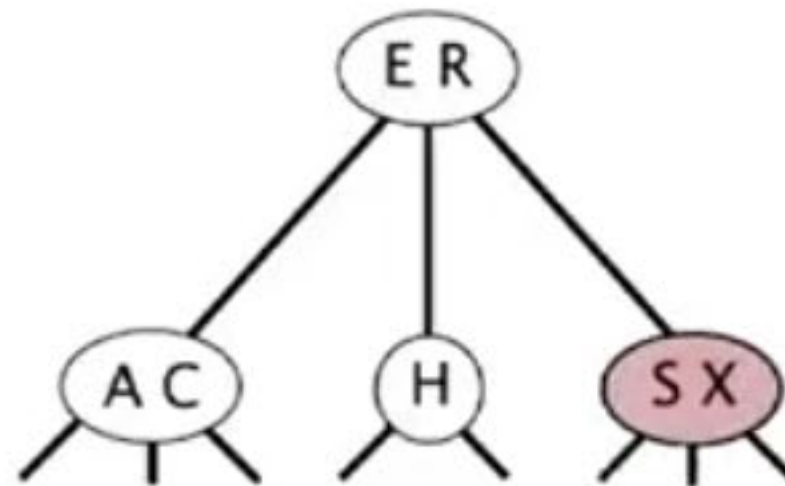


convert 2-node into 3-node

## 2-3 tree construction demo

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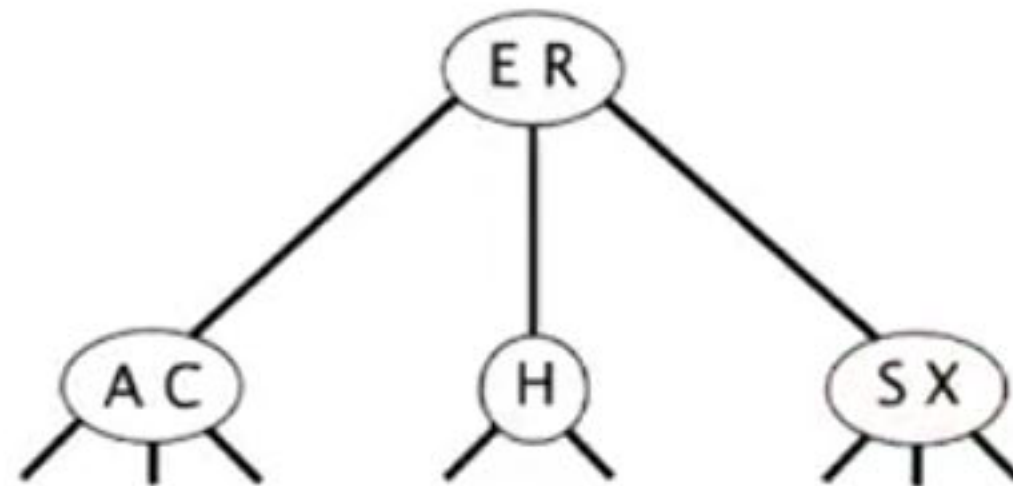
insert X



## 2-3 tree construction demo

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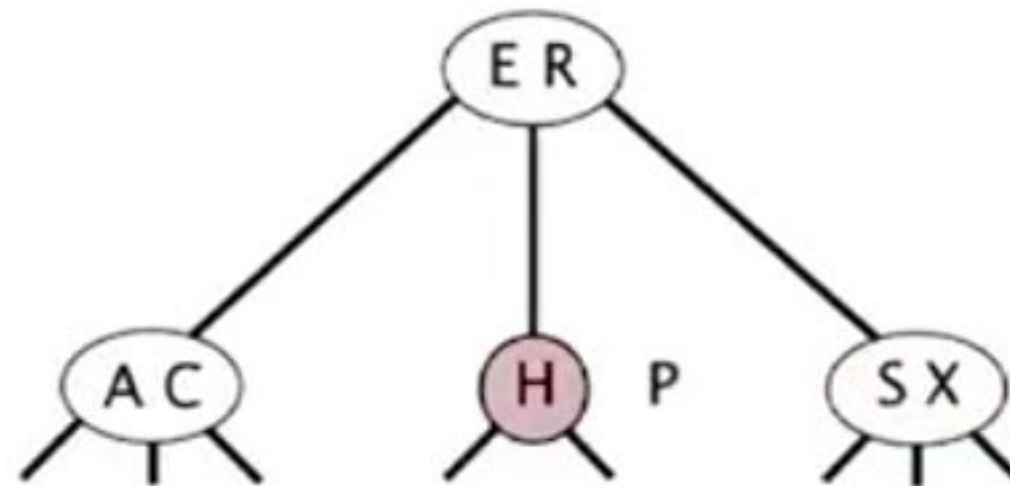
2-3 tree



## 2-3 tree construction demo

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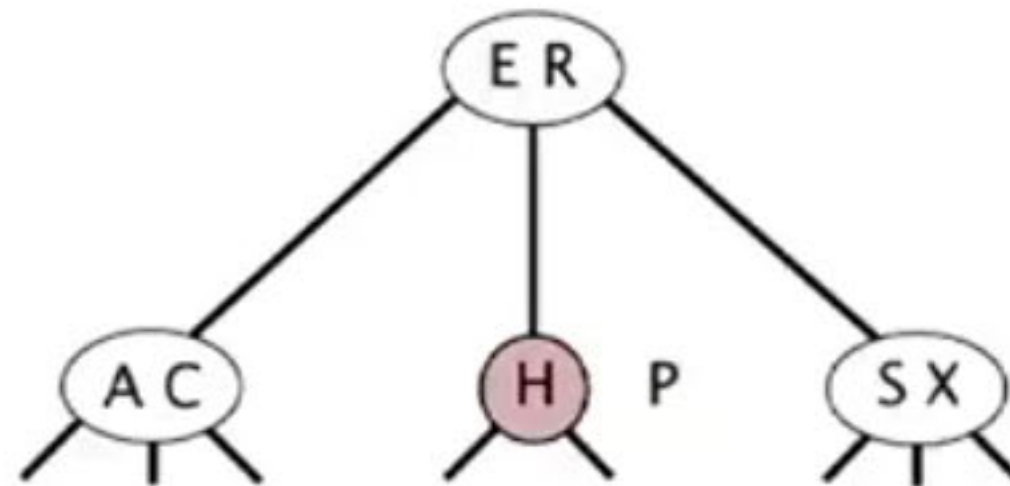
insert P



## 2-3 tree construction demo

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insert P

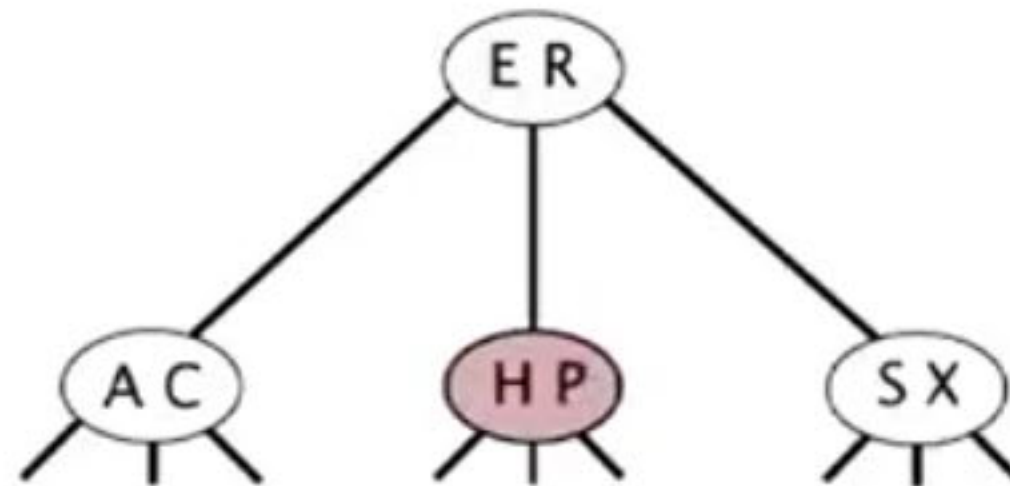


convert 2-node into 3-node

## 2-3 tree construction demo

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insert P

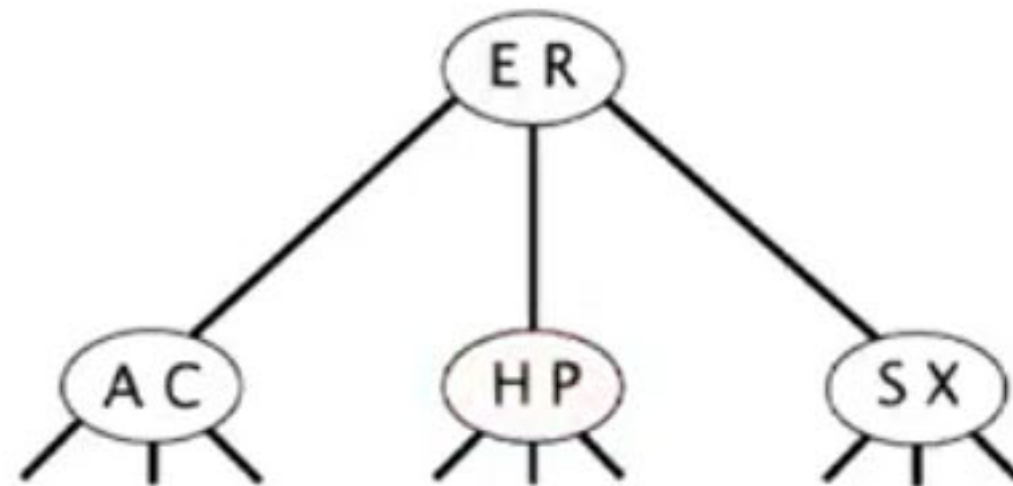




## 2-3 tree construction demo

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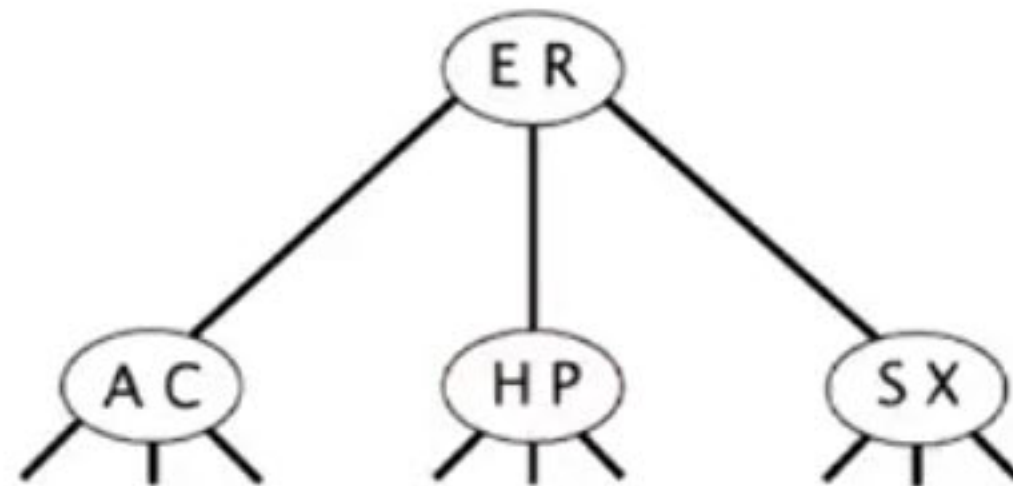
2-3 tree



## 2-3 tree construction demo

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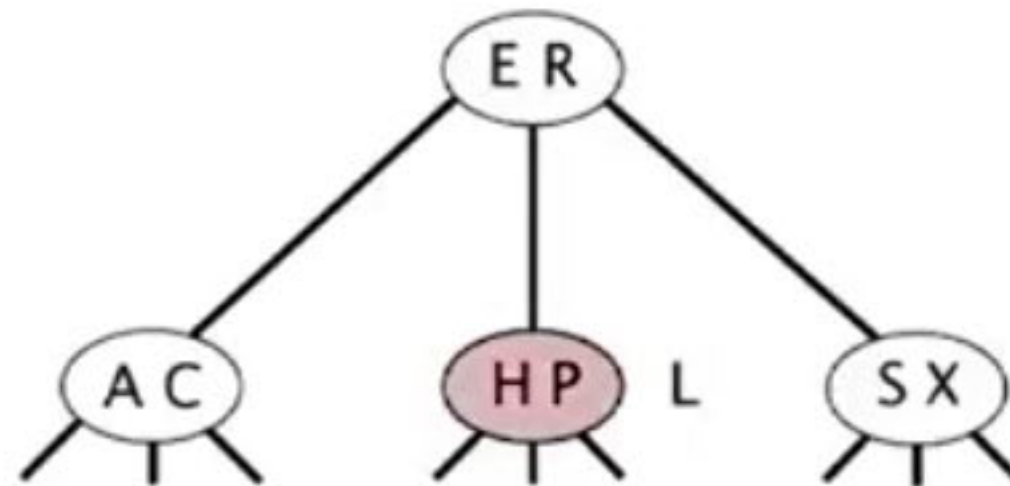
insert L



## 2-3 tree construction demo

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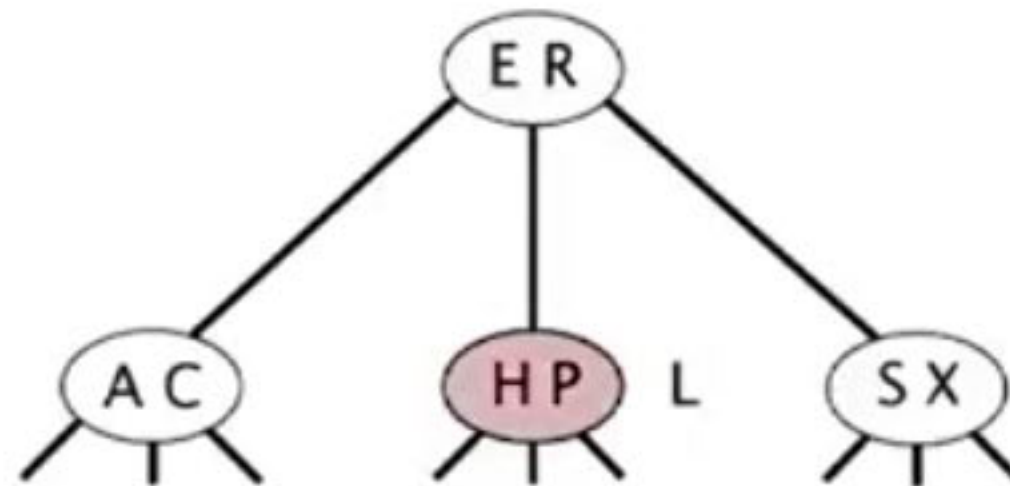
insert L



## 2-3 tree construction demo

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insert L

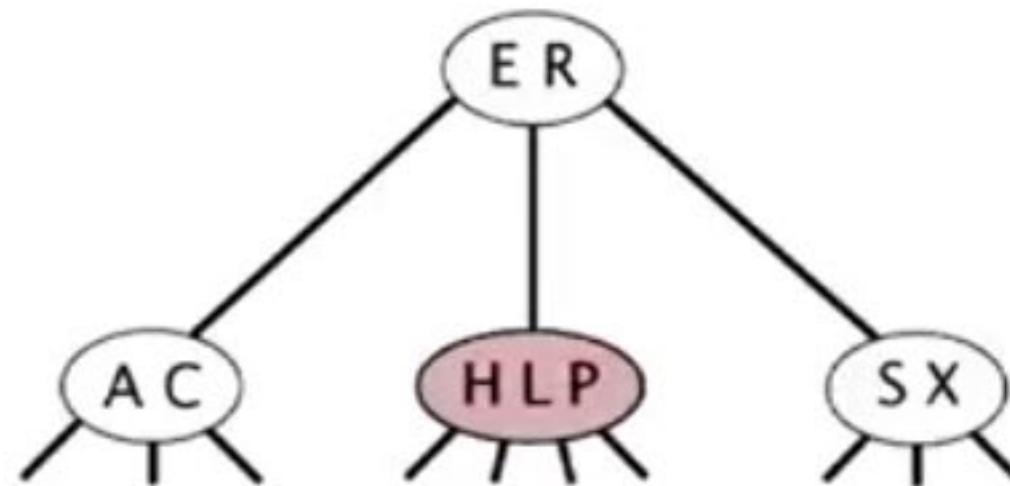


convert 3-node into 4-node

## 2-3 tree construction demo

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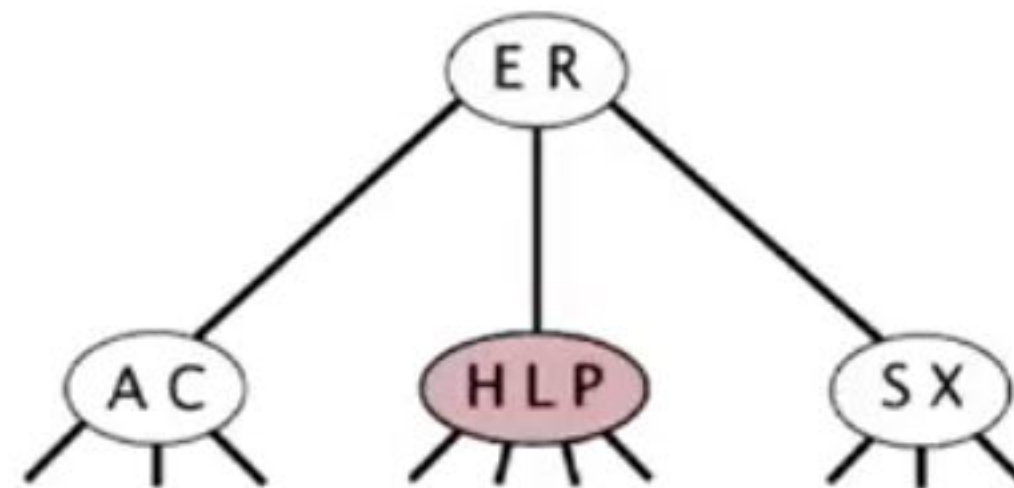
insert L



## 2-3 tree construction demo

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insert L

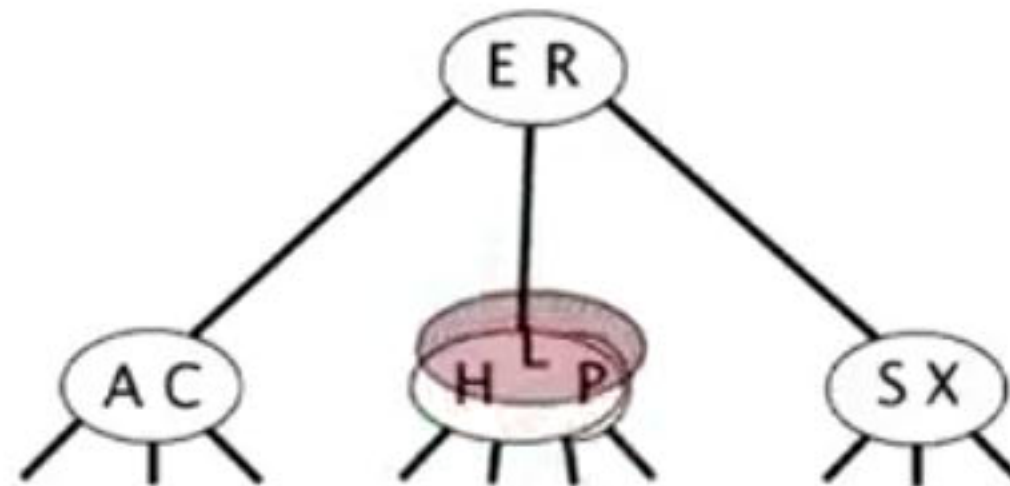


split 4-node  
(move L to parent)

## 2-3 tree construction demo

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insert L

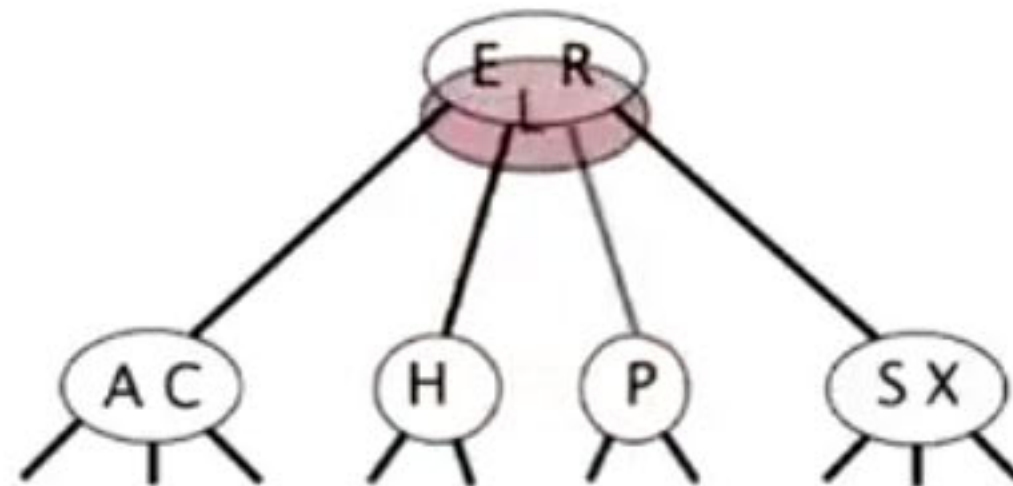


split 4-node  
(move L to parent)

## 2-3 tree construction demo

---

insert L

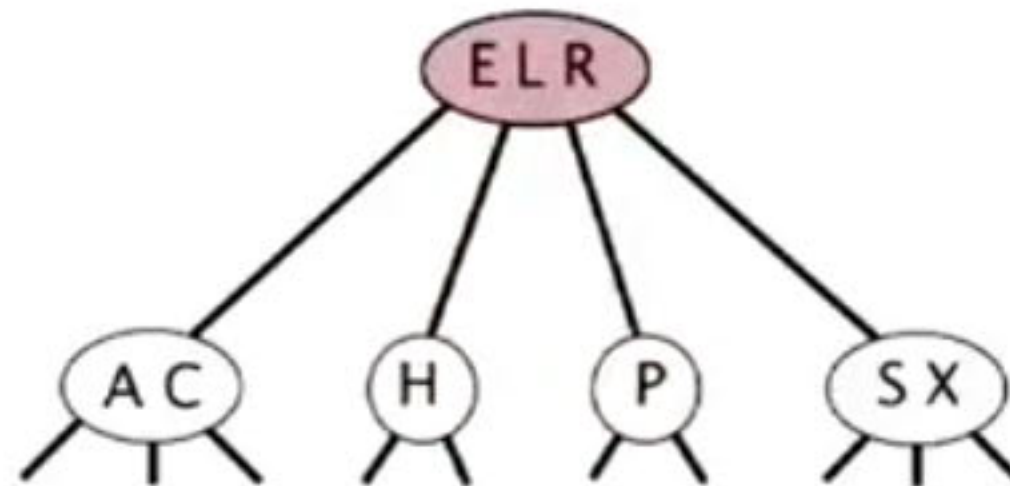




## 2-3 tree construction demo

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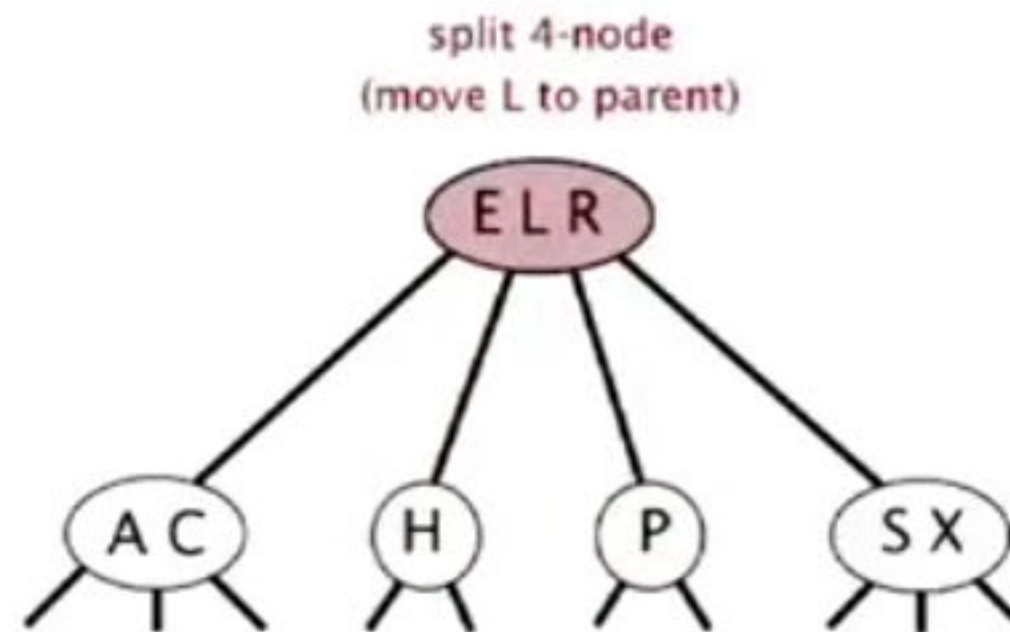
insert L



## 2-3 tree construction demo

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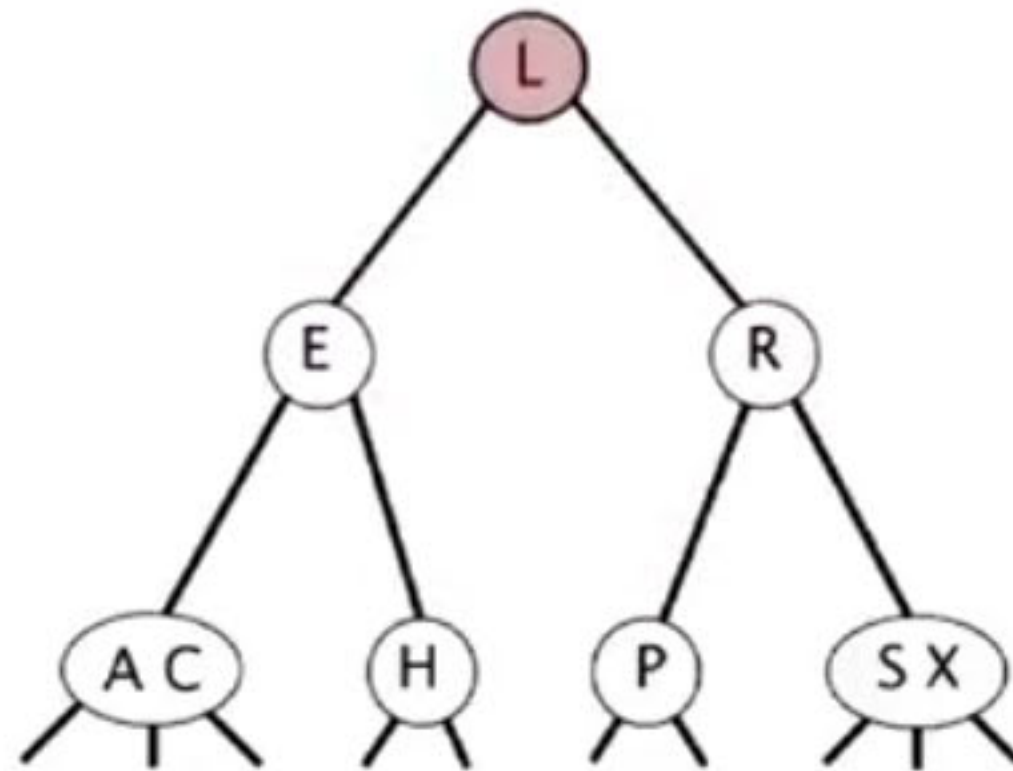
insert L



## 2-3 tree construction demo

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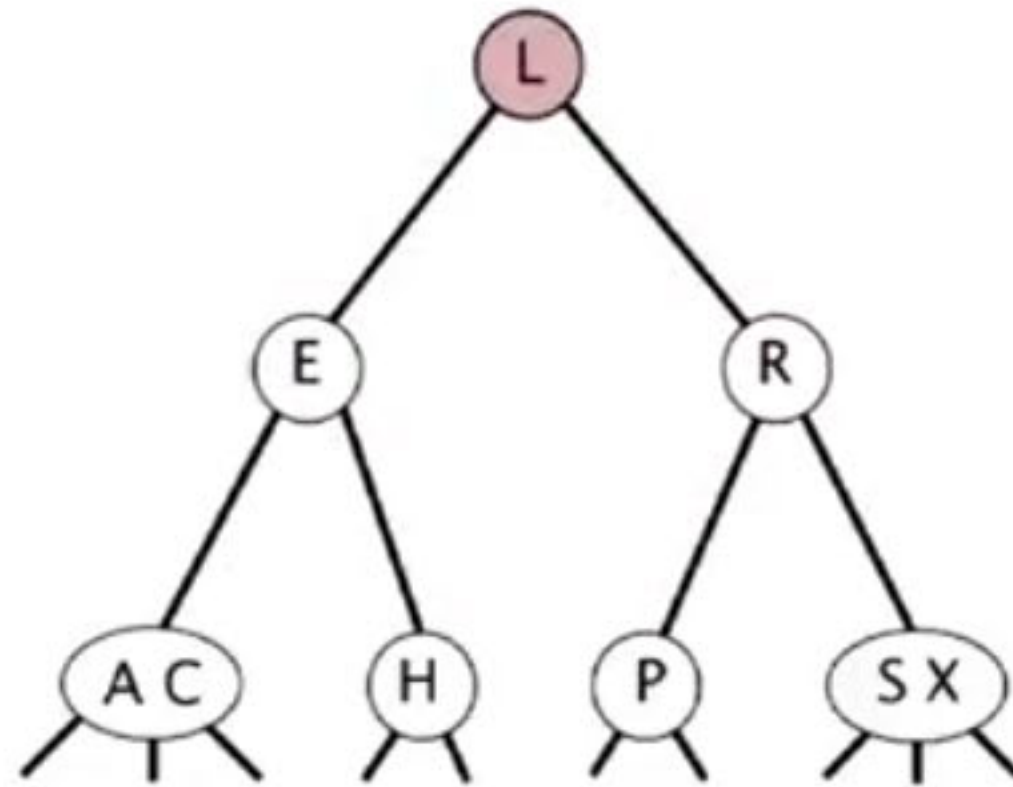
insert L



## 2-3 tree construction demo

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insert L



## 2-3 tree construction demo

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2-3 tree

