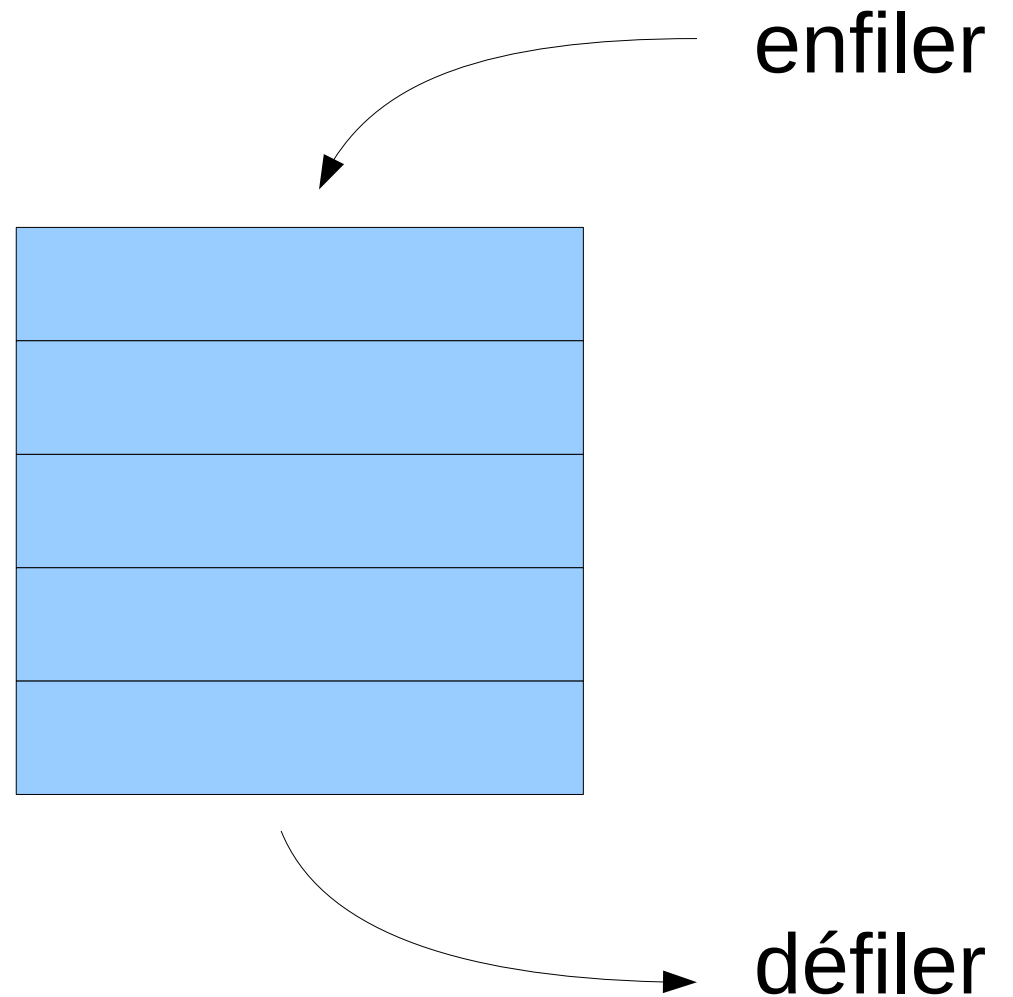
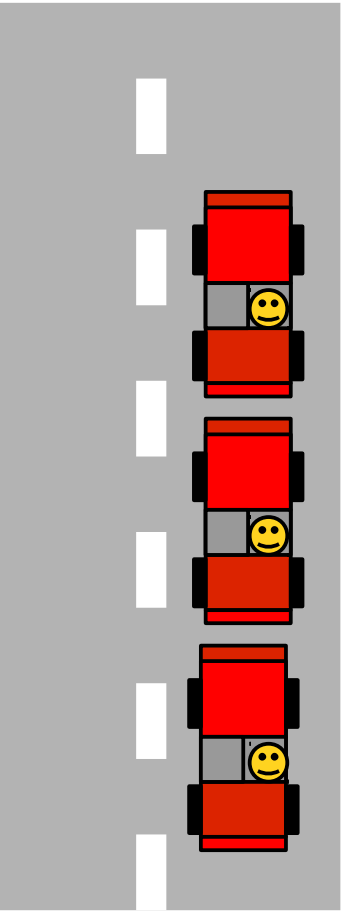


# Tri par file de priorité

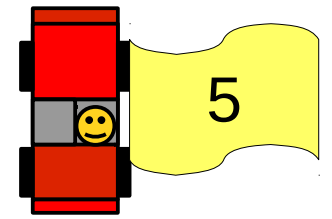
## Tri par tas

Référence : Cormen

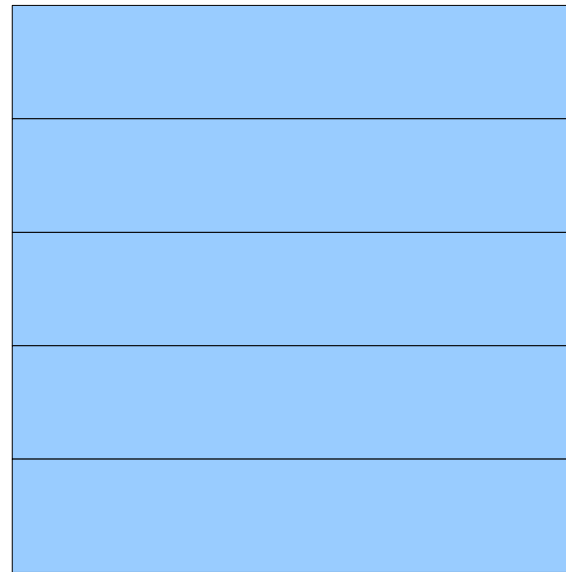
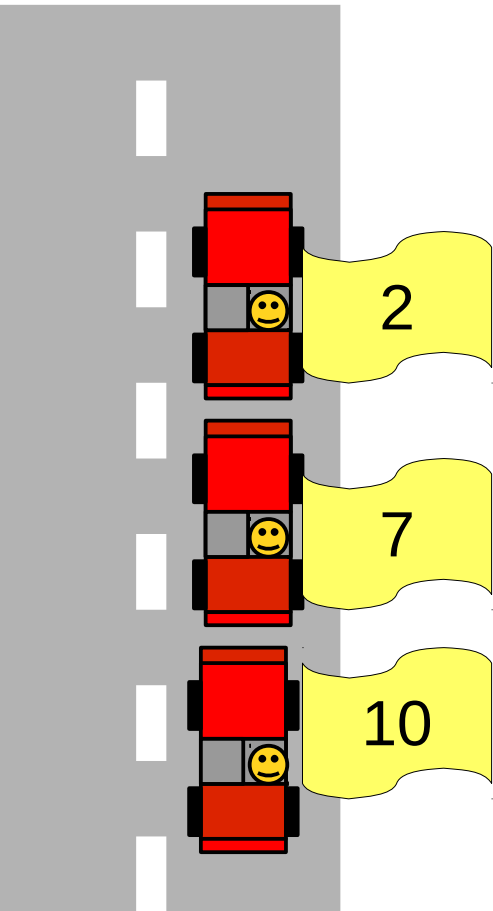
# File (FIFO : first in, first out)



# Structure de données abstraite « File de priorité »

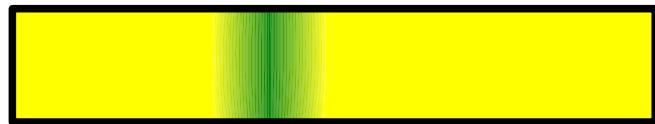


enfiler

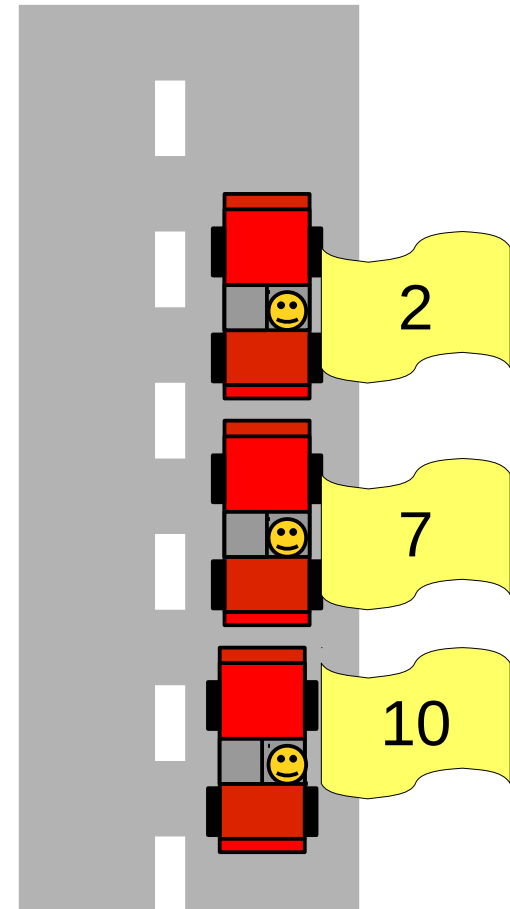


défiler max

# Tri par tas



construireTas



Tout défiler

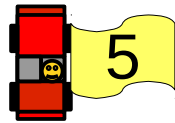


# Idée générale

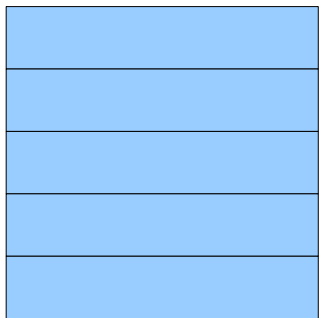
- Interface d'une file de priorité

- Implémentation

- Tableau
- Liste
- Tableau triée
- Liste triée
- ABR
- Tas (implémenté à l'aide d'un tableau)

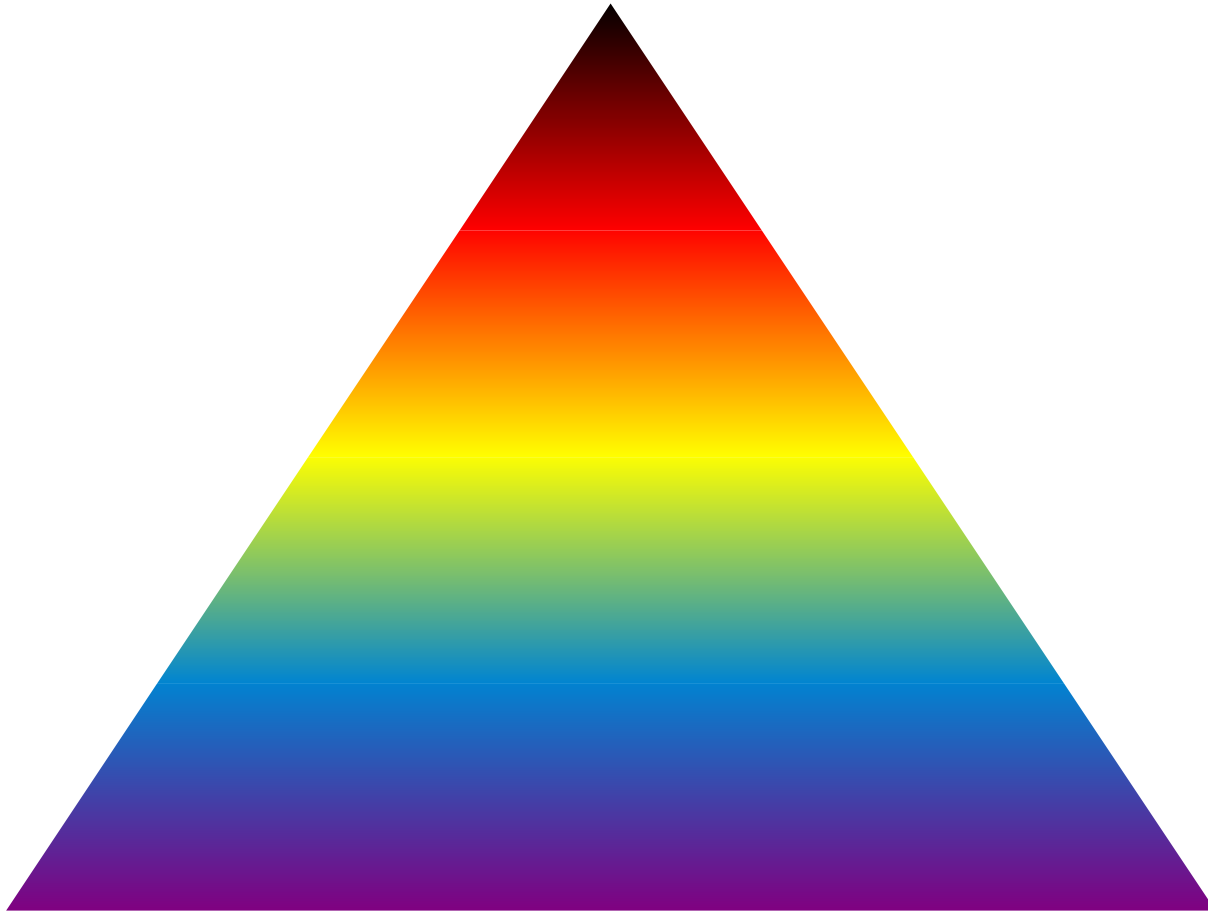


enfiler

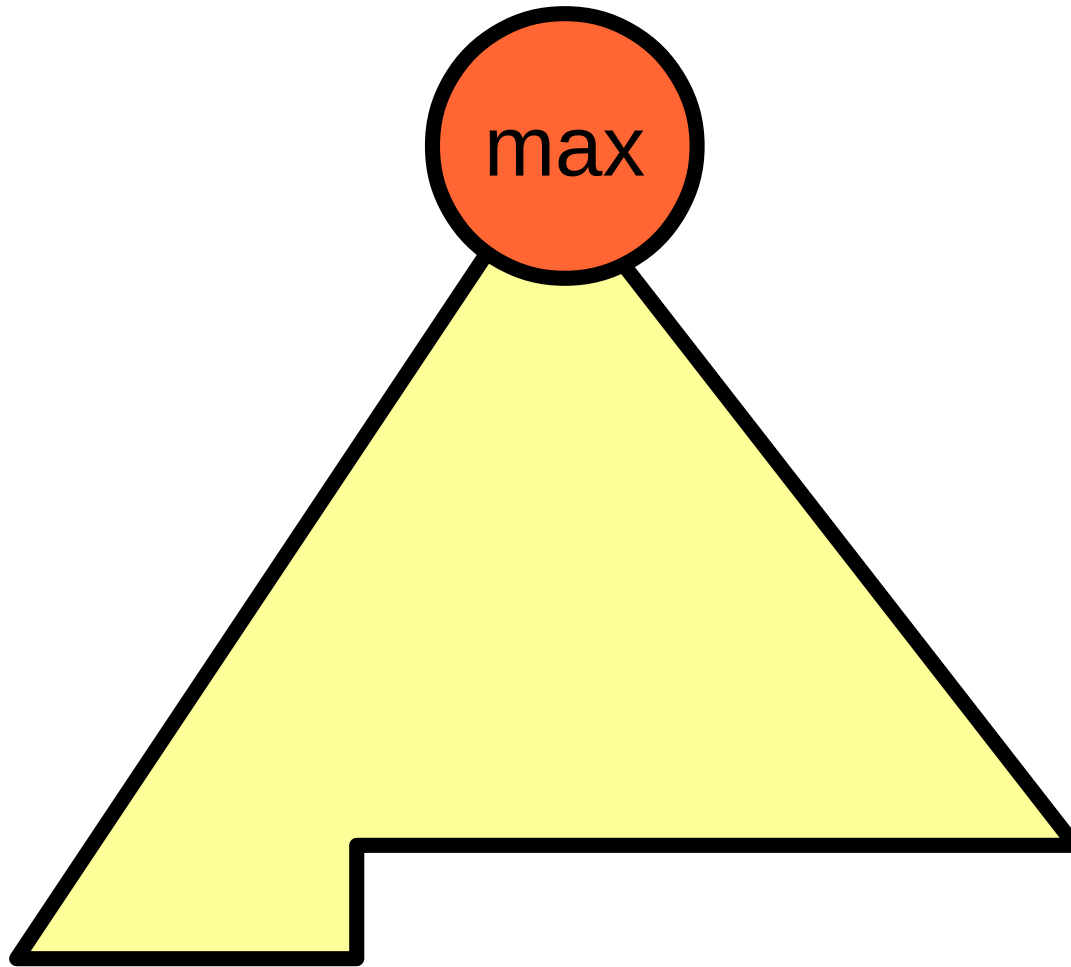


défiler max

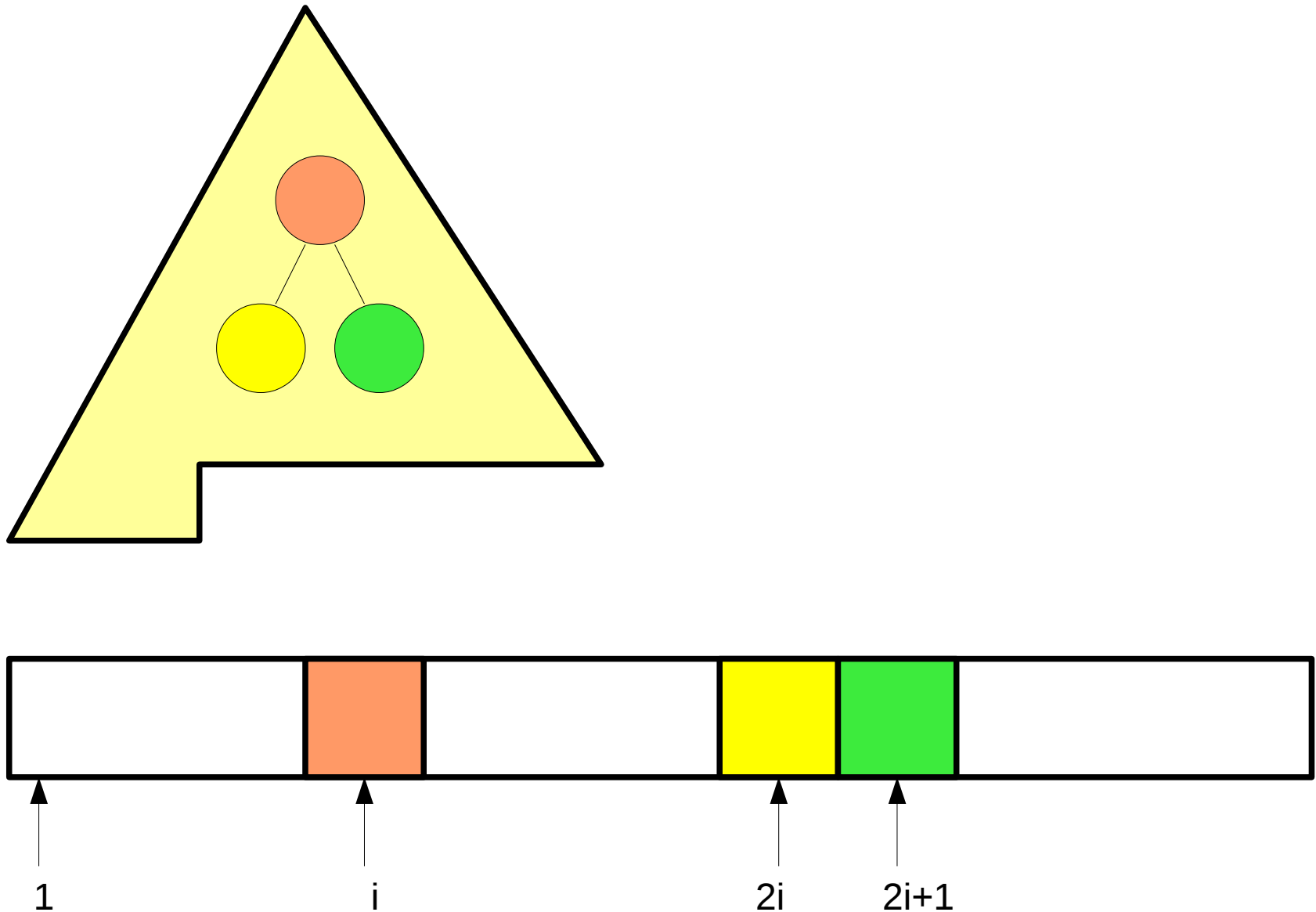
Tas



Tas

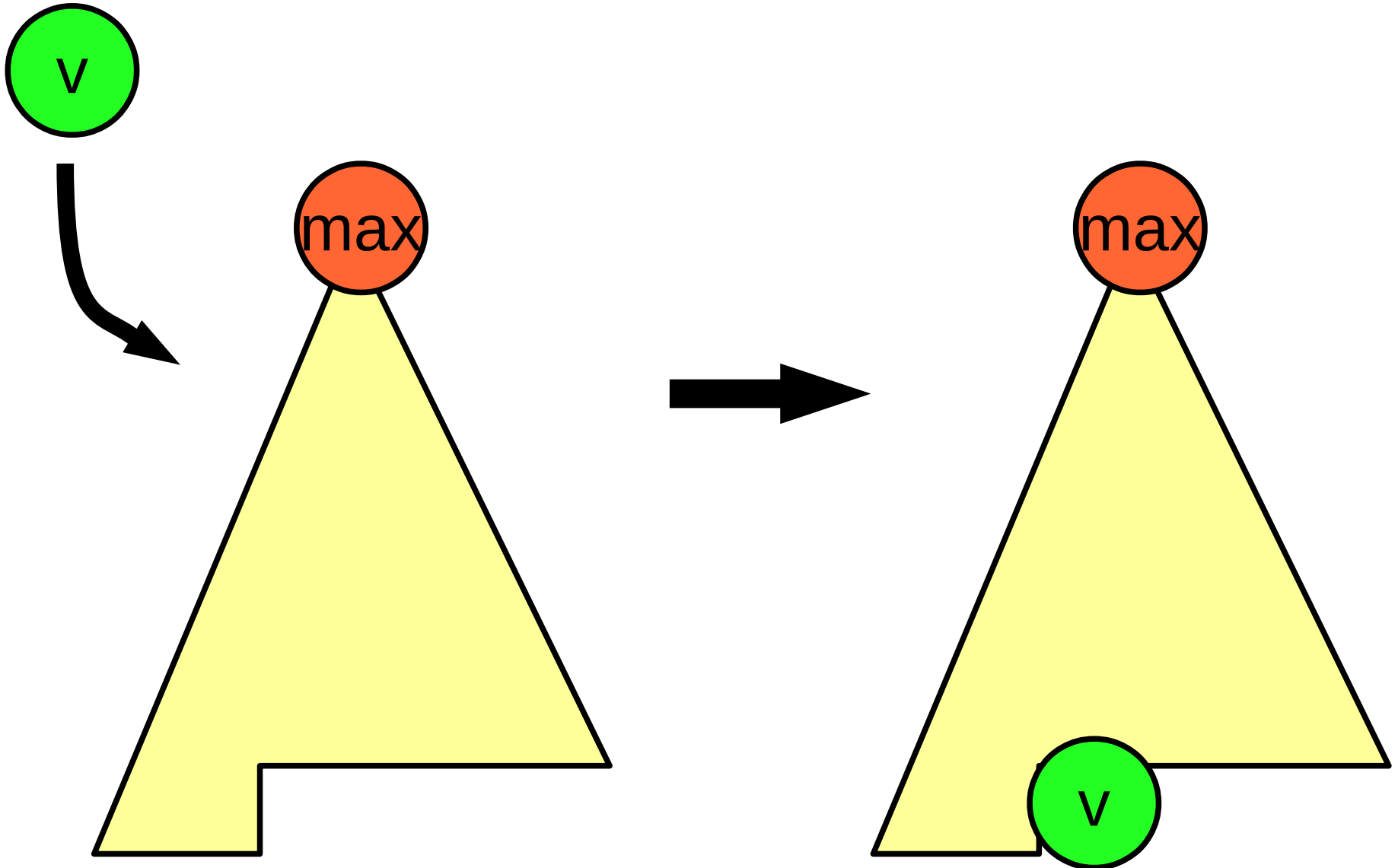


# Implémentation du tas avec un tableau

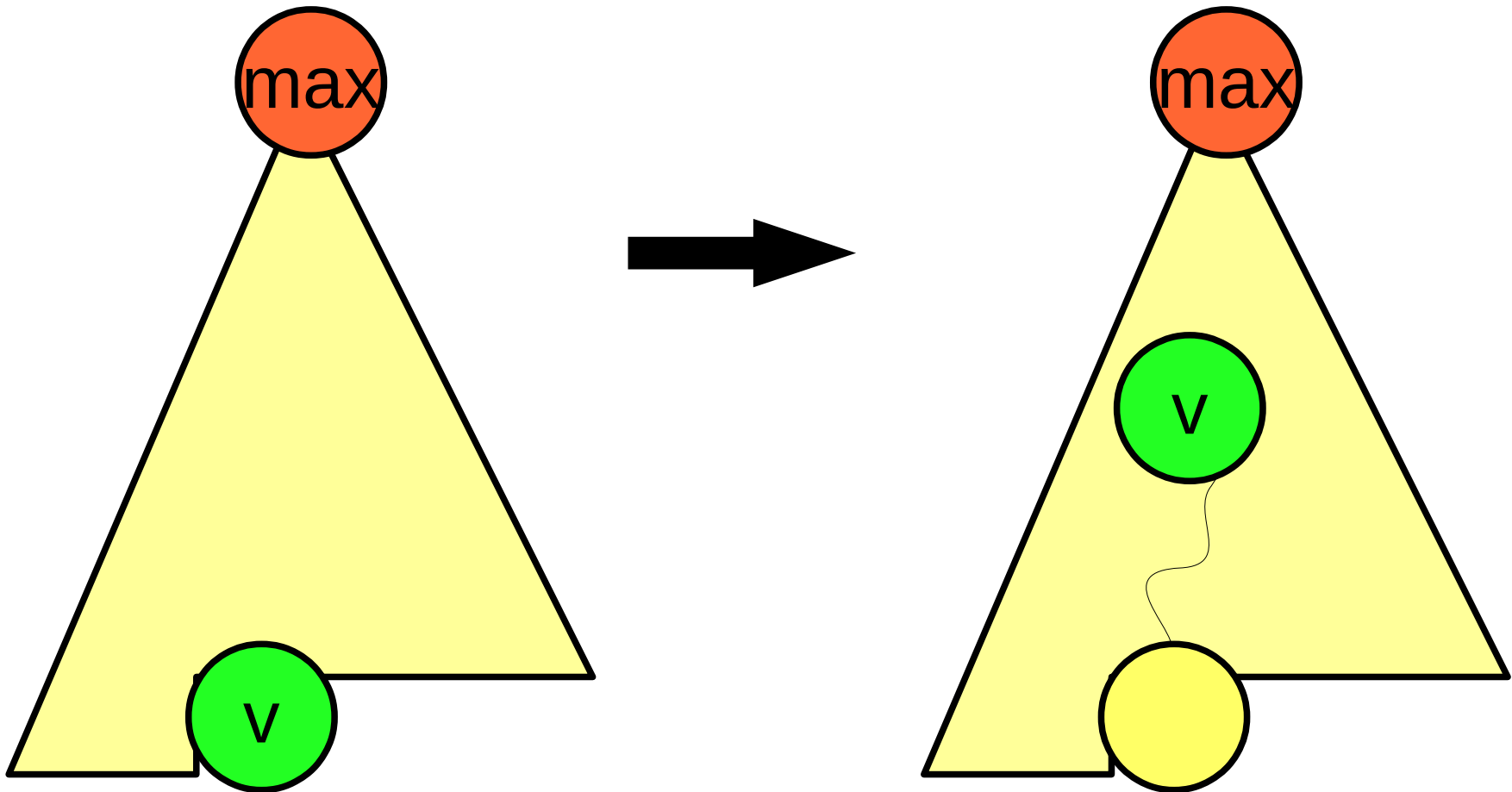




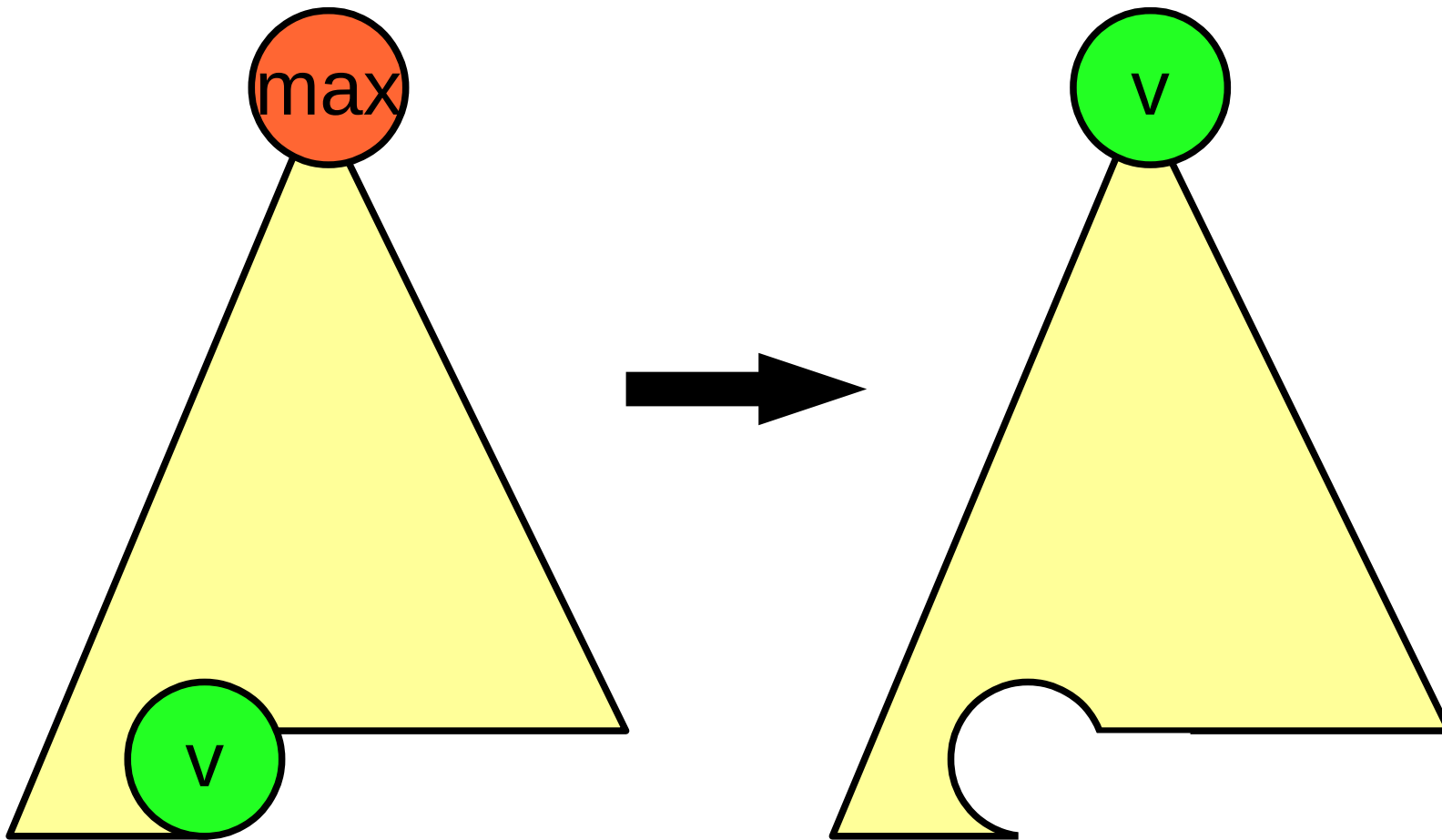
# Enfiler (ajouter)



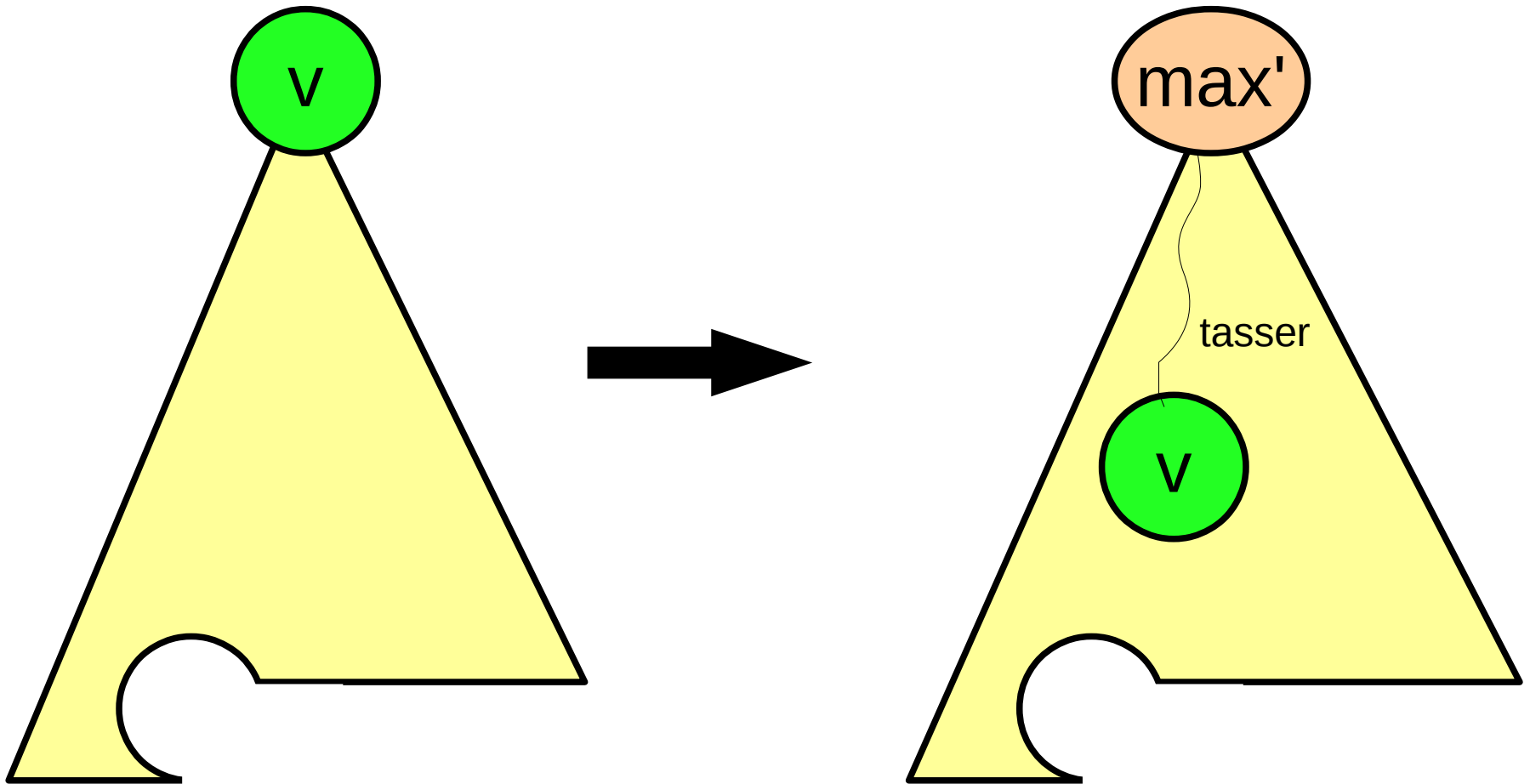
# Enfiler (ajouter)



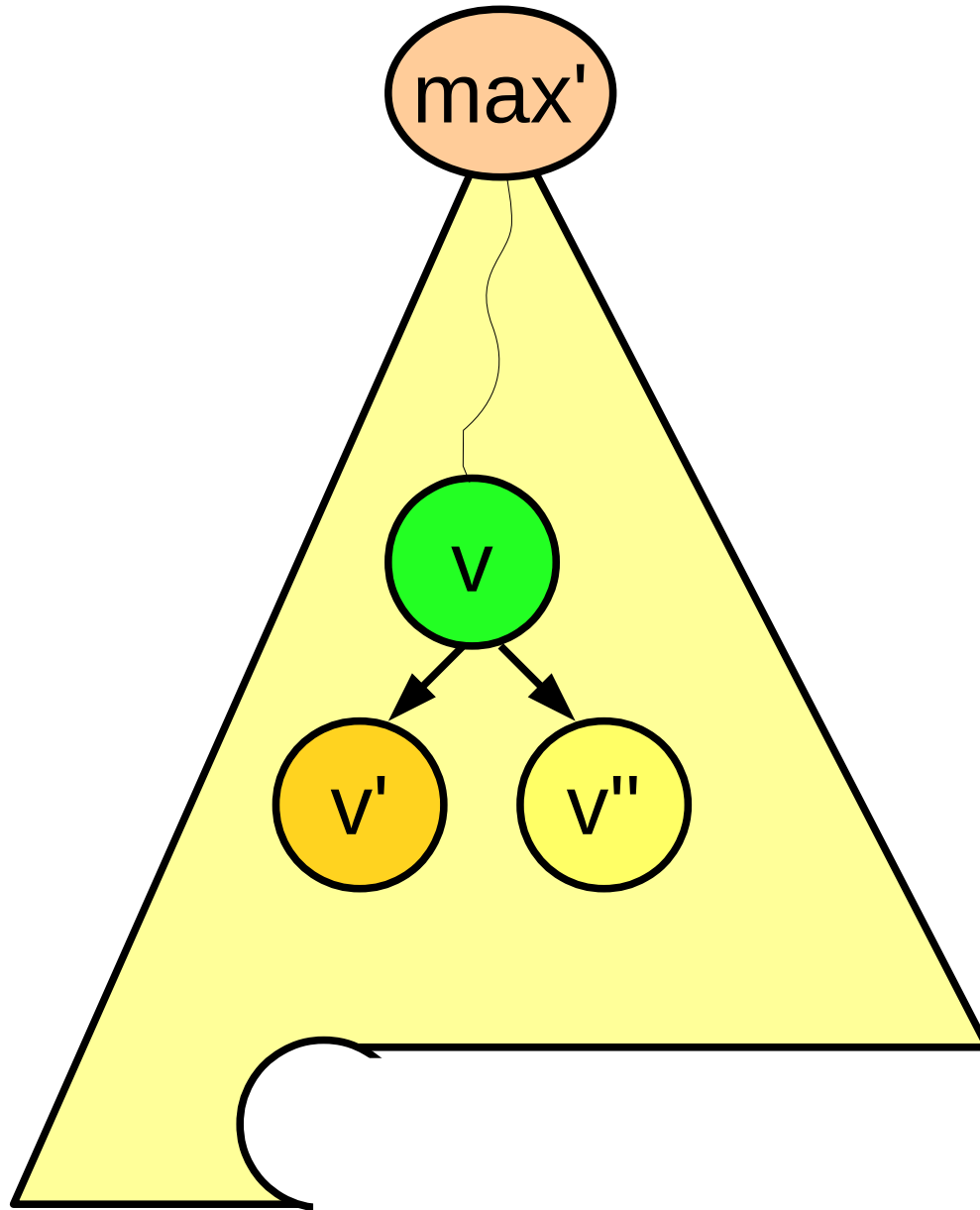
# Défiler (supprimer)



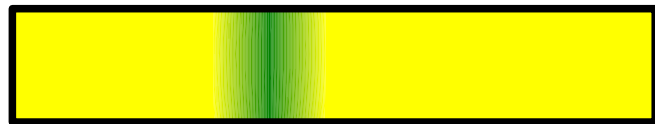
# Défiler (supprimer)



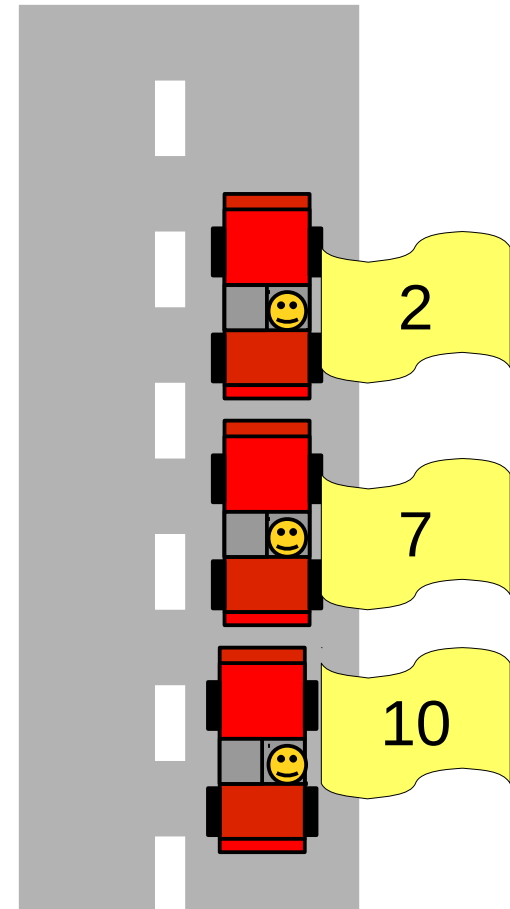
# Tasser



# Tri par tas



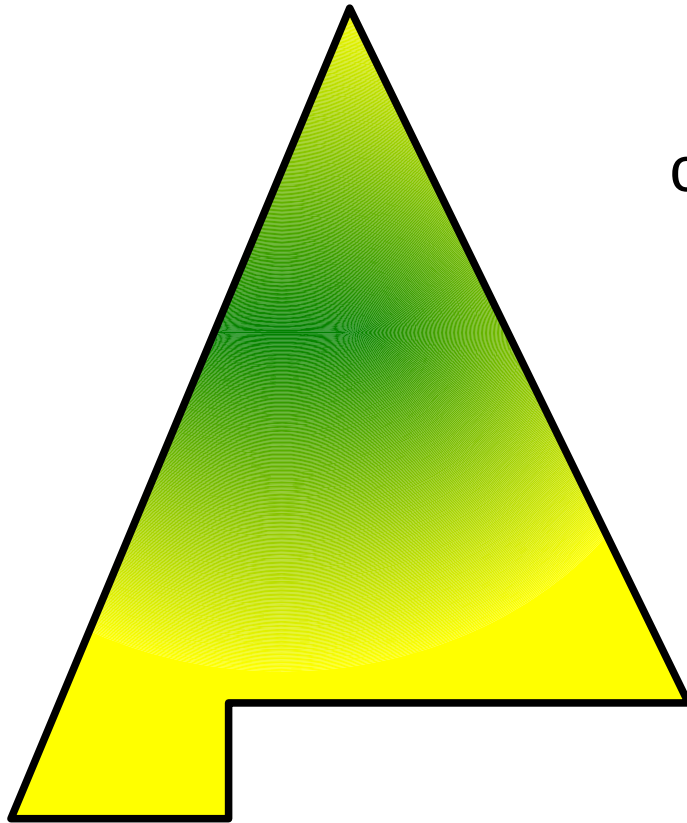
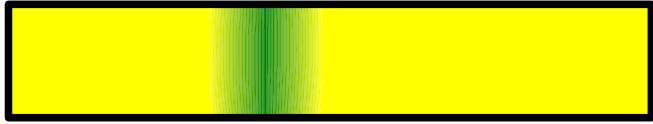
construireTas



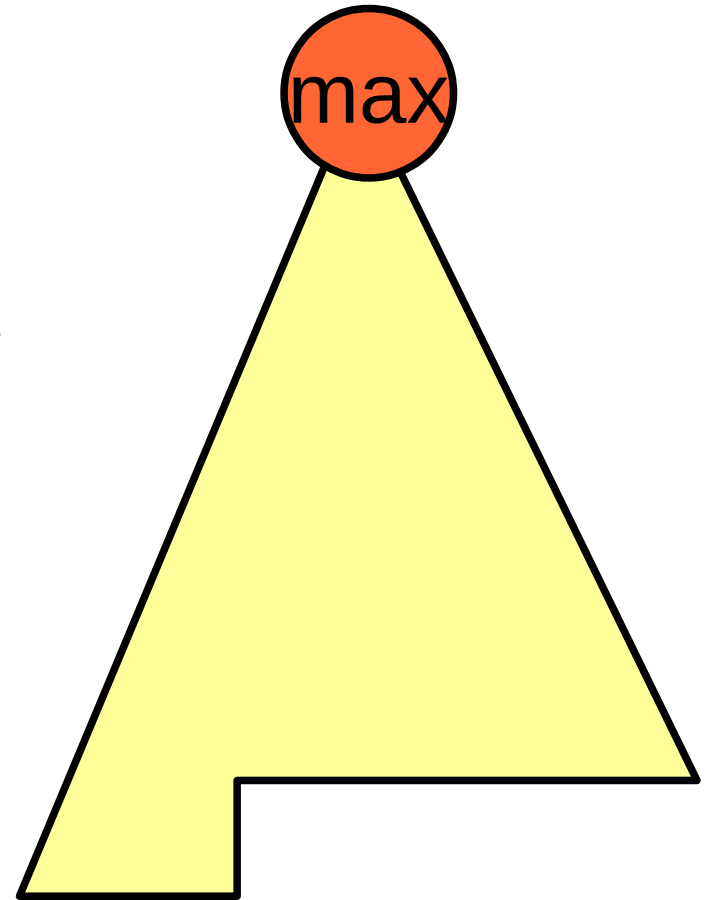
Tout défiler



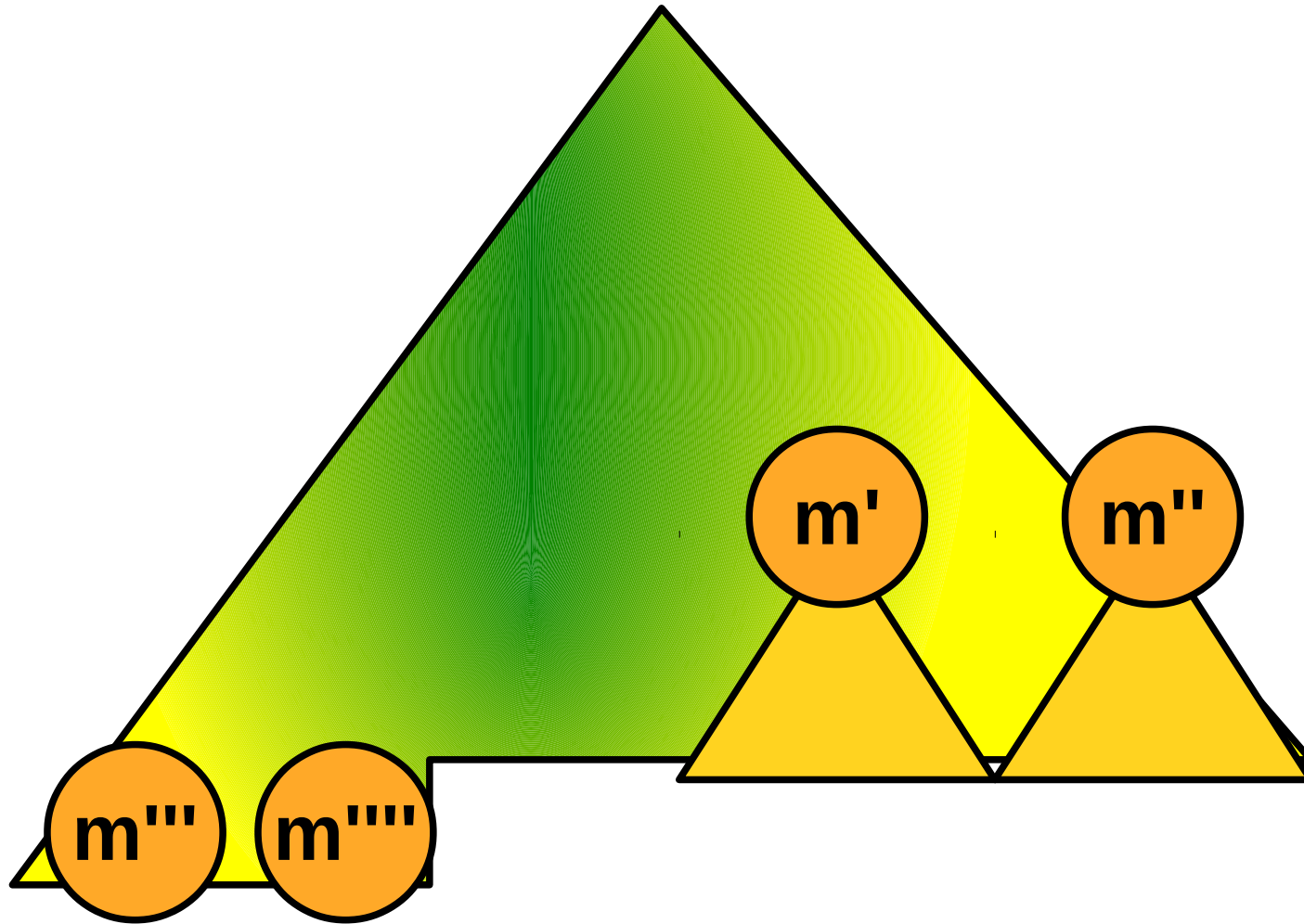
# Tri par tas. Étape 1 : construire un tas



construireTas

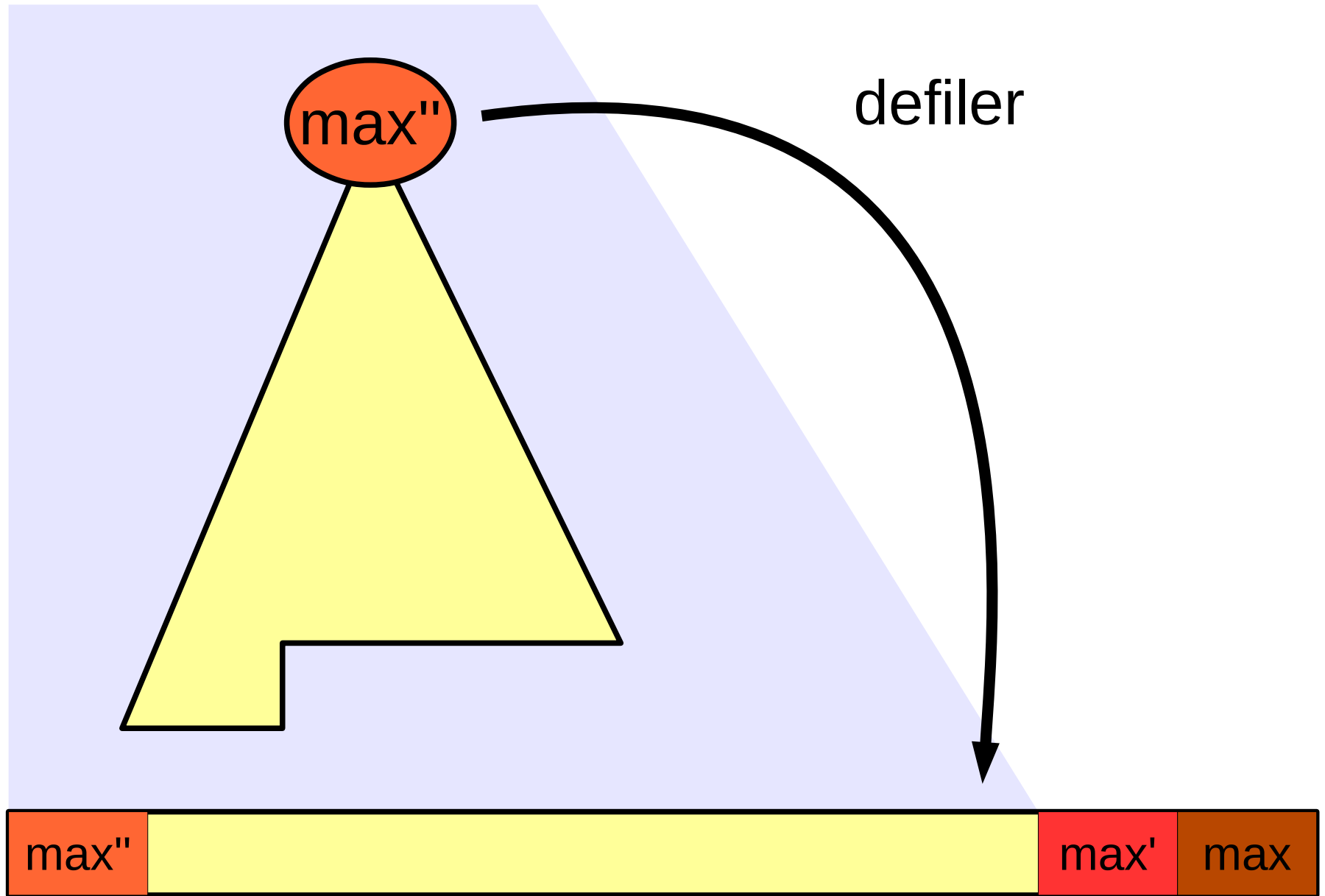


# Tri par tas. Étape 1 : construire un tas





# Tri par tas. Étape 2 : défiler un à un les maximums



# Tri par tas. Étape 2 : défiler un à un les maximums

