

Visualisation de l'ALDI

Algorithme d'insertion triée dans des listes circulaires

Between the 15th and 13th centuries BC, the Hittites were one of the dominant powers of the Near East, coming into conflict with the New Kingdom of Egypt, the Middle Assyrian Empire, and the Empire of Mitanni.

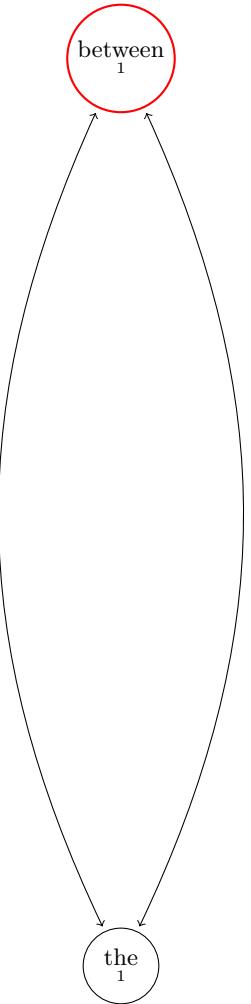
1 « between »

Init: « **between** »

between
↑

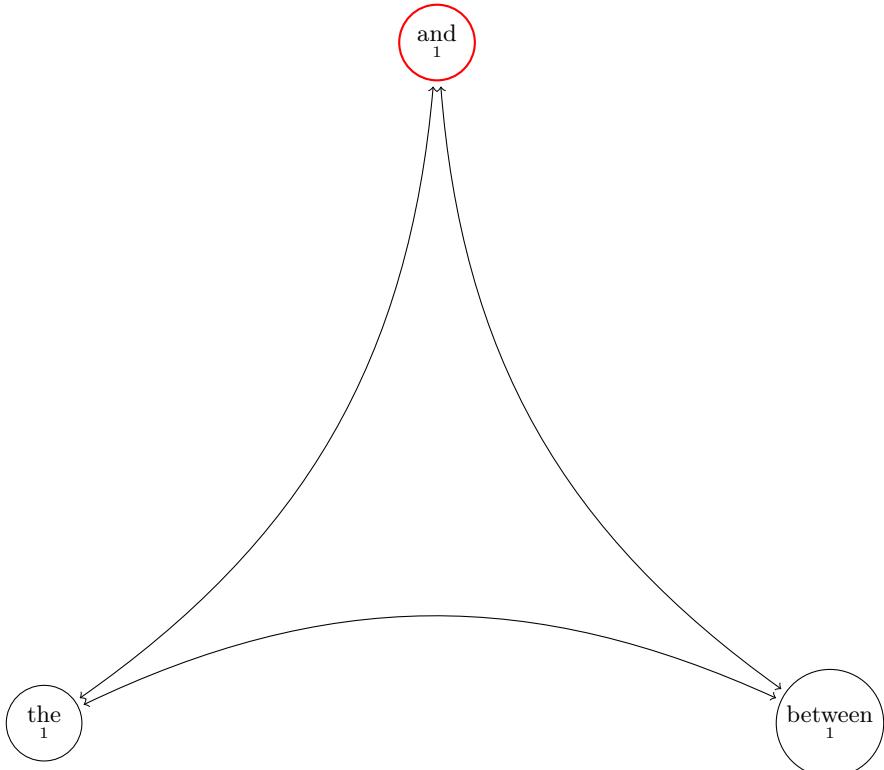
2 « the »

Création de noeud en fin (après « between »)



3 « and »

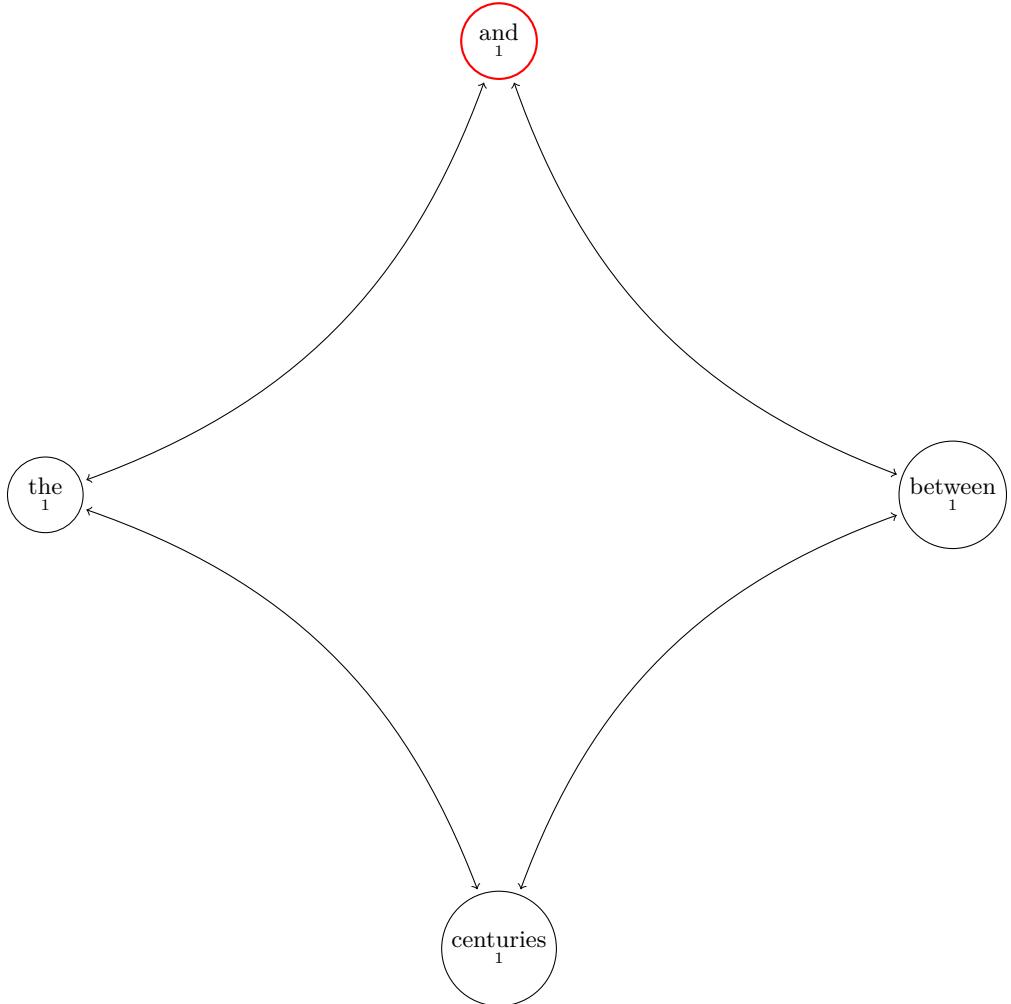
Création de noeud en tête (avant « between »)



4 « centuries »

(→) Recherche sens horaire (depuis and)

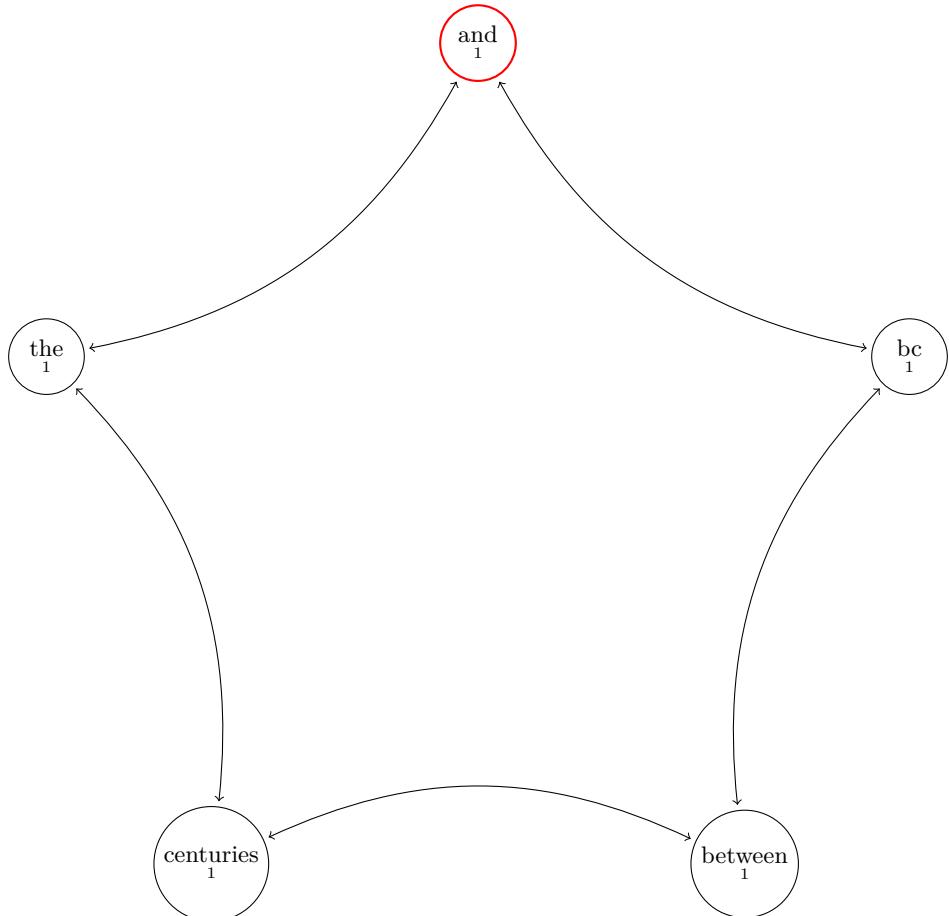
Insertion milieu (après « between »)



5 « bc »

(→) Recherche sens horaire (depuis and)

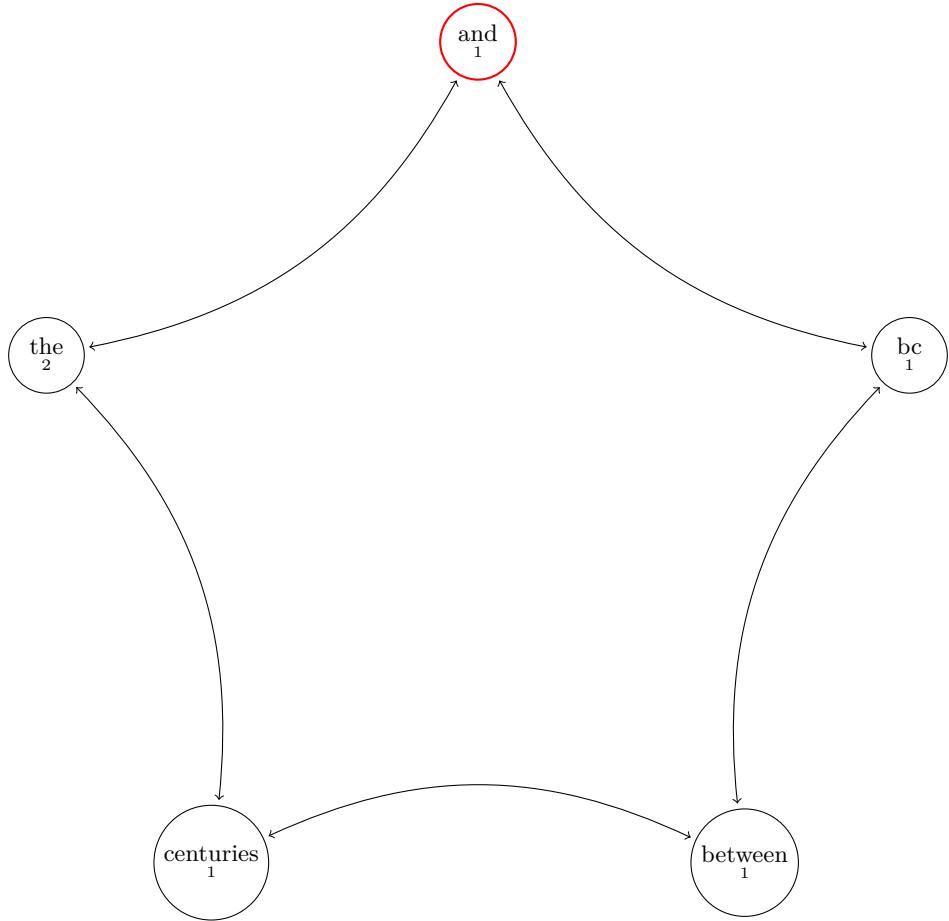
Insertion milieu (après « and »)



6 « the »

(←) Recherche sens Anti-Horaire (depuis the)

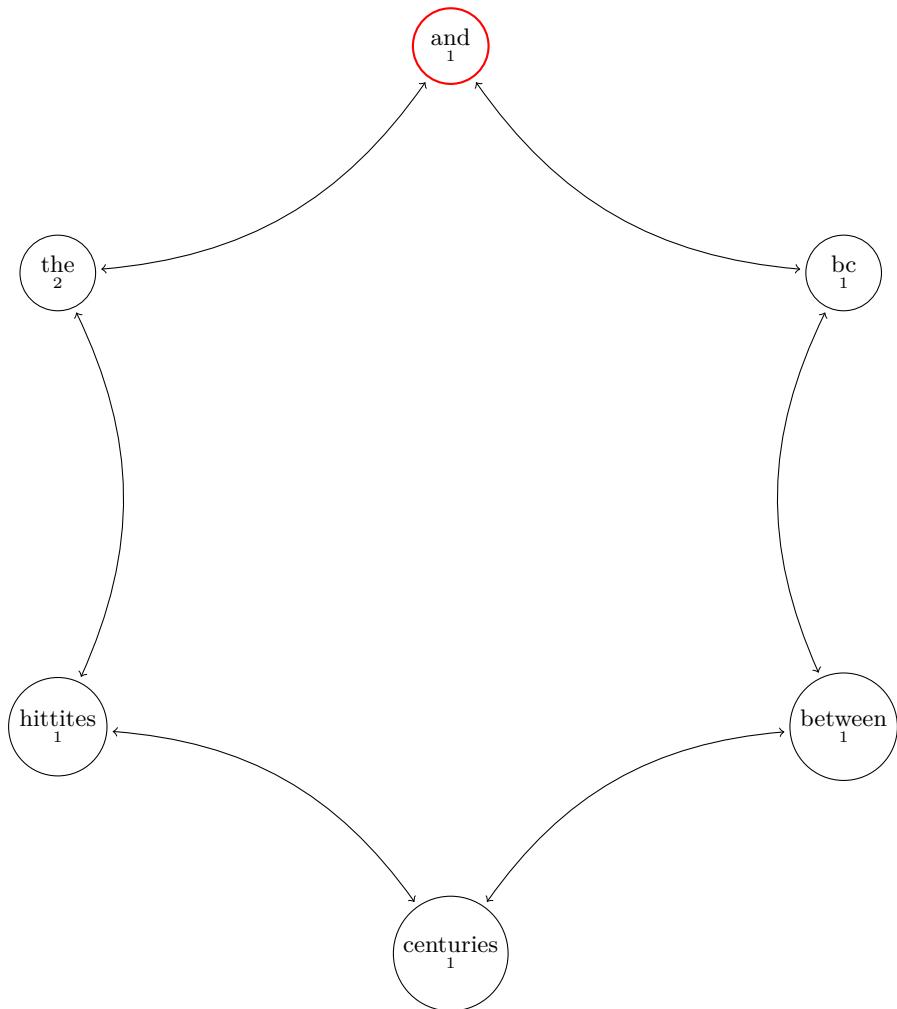
Incrémantion



7 « hittites »

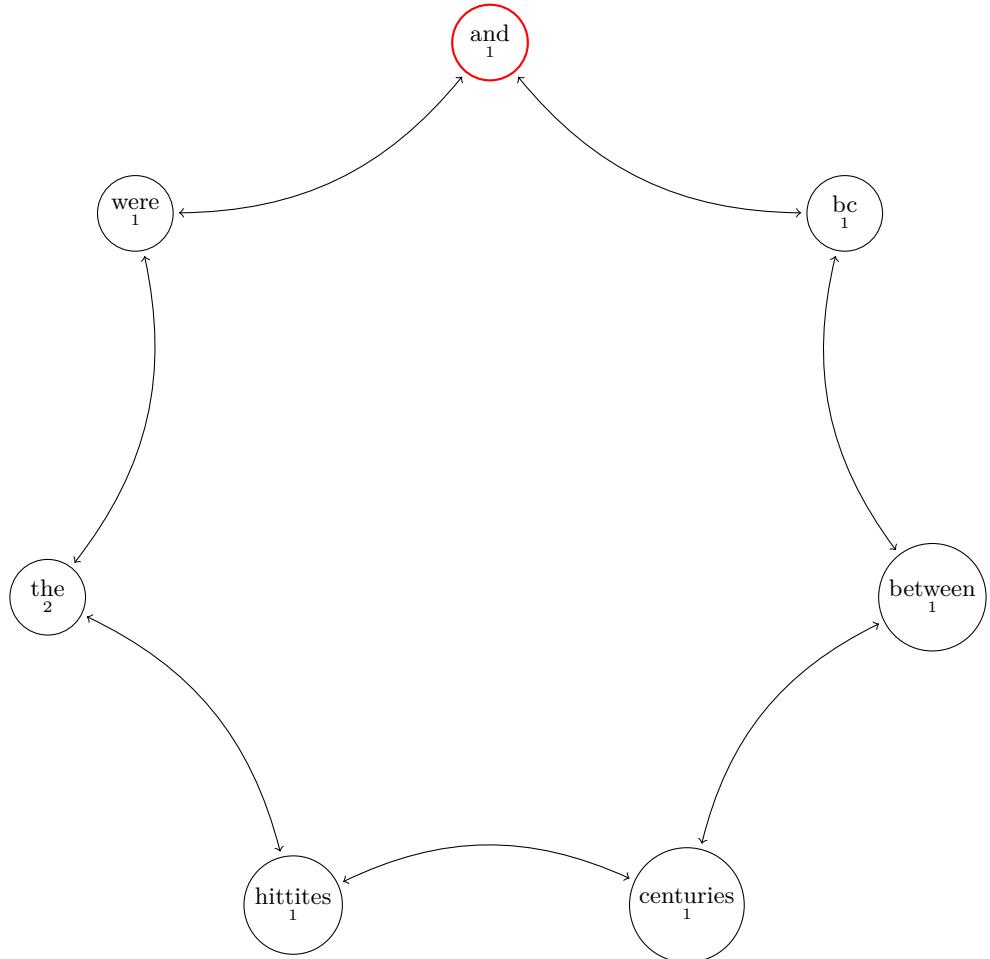
(→) Recherche sens horaire (depuis and)

Insertion milieu (après « centuries »)



8 « were »

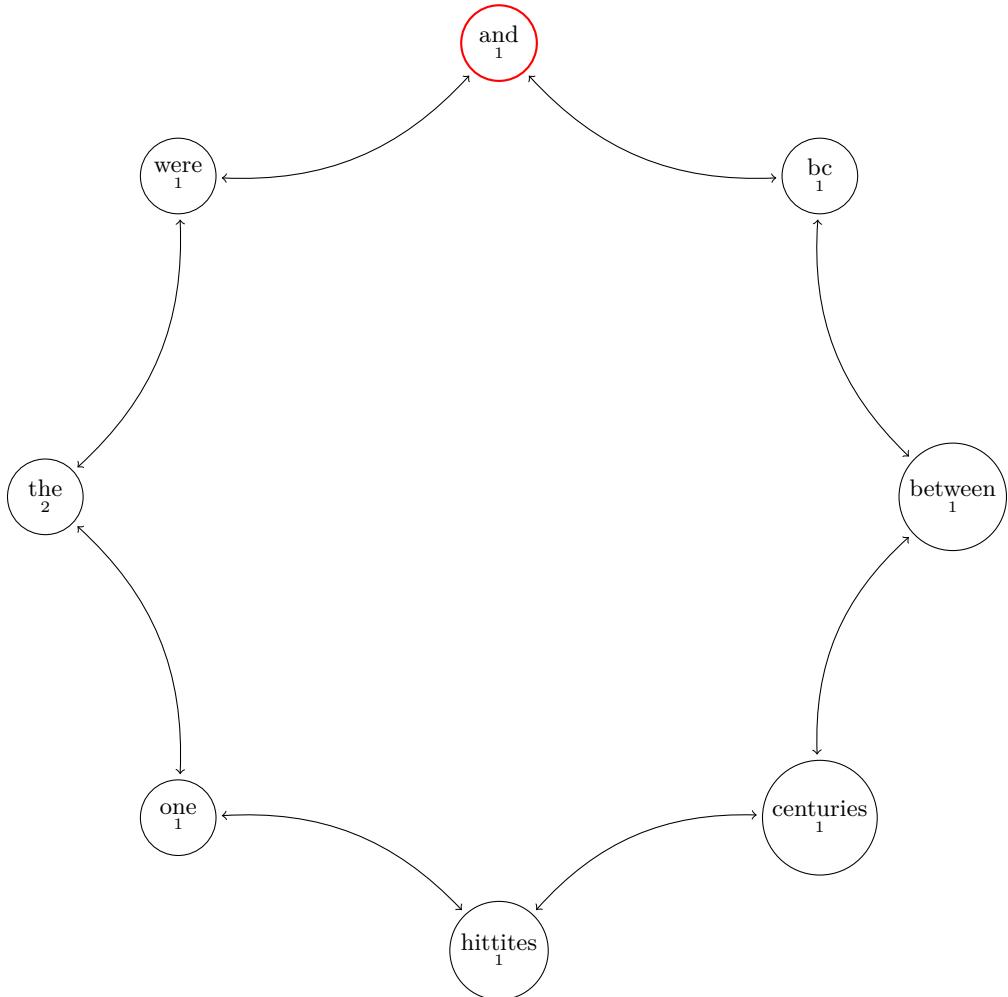
Création de noeud en fin (après « the »)



9 « one »

(←) Recherche sens Anti-Horaire (depuis were)

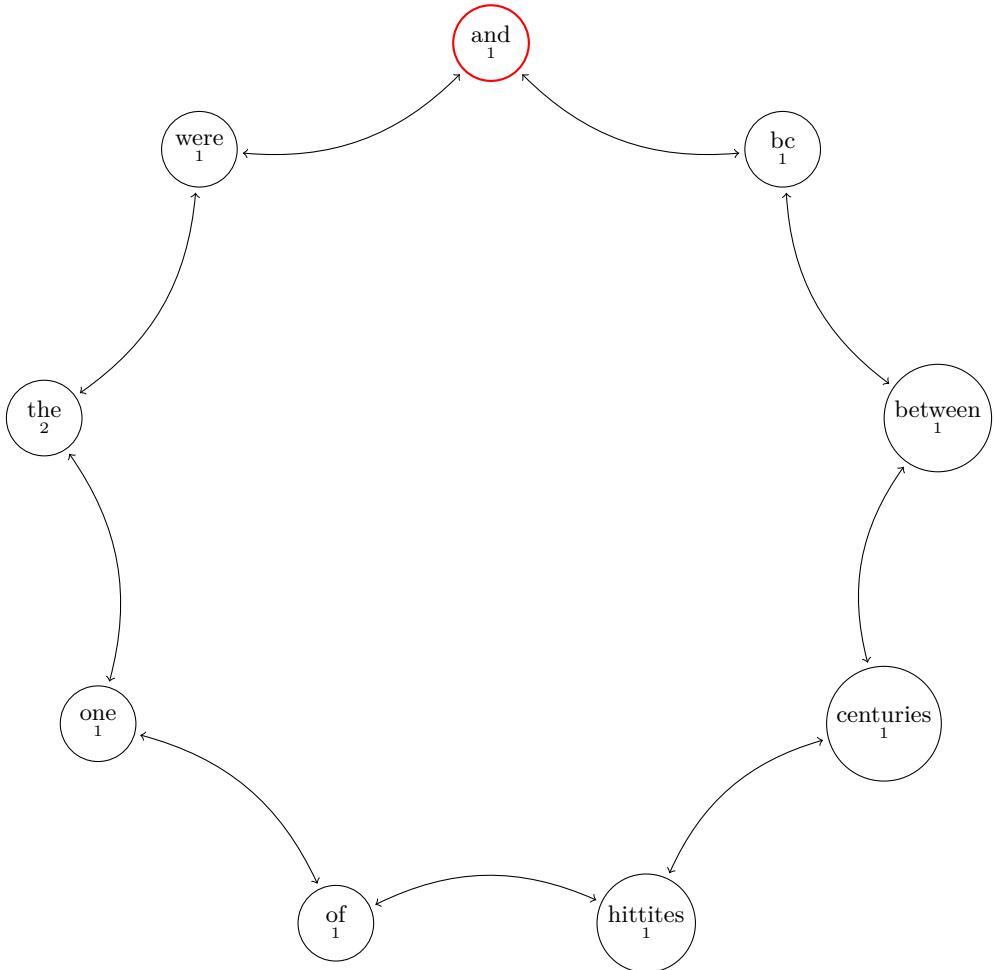
Insertion milieu (après « hittites »)



10 « of »

(←) Recherche sens Anti-Horaire (depuis were)

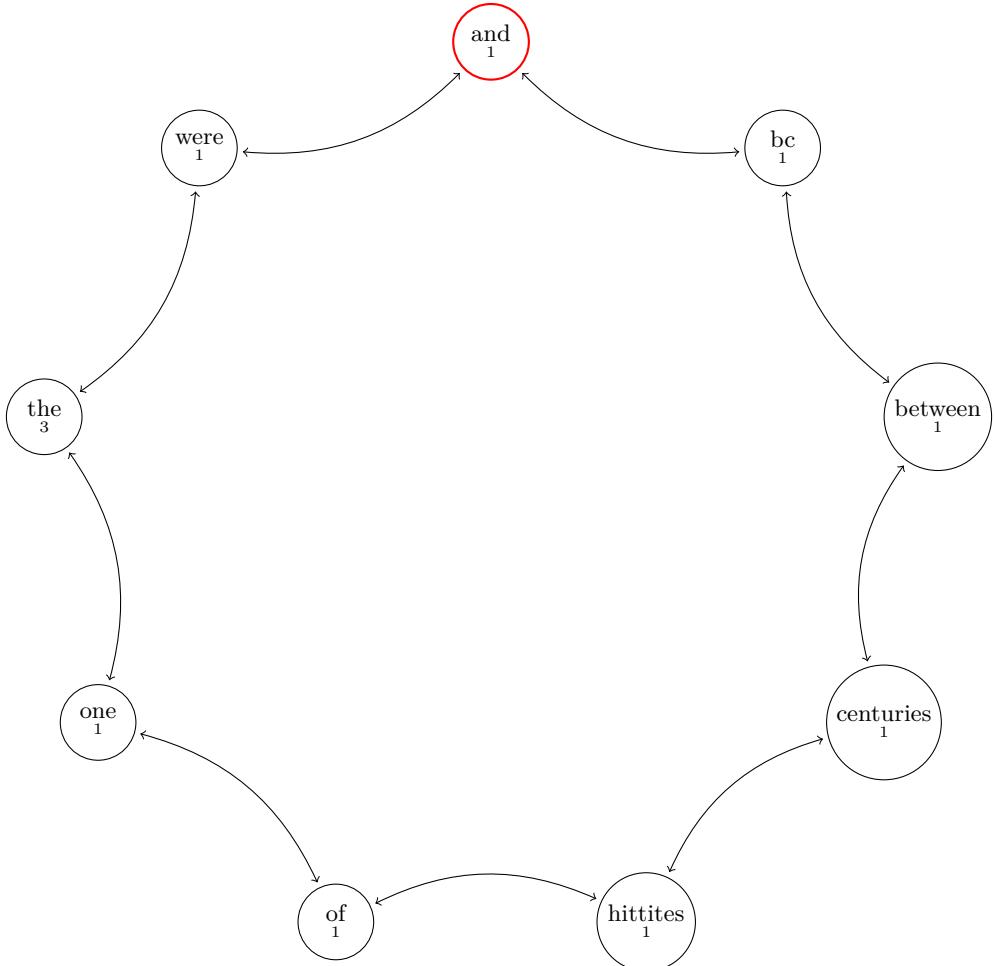
Insertion milieu (après « hittites »)



11 « the »

(←) Recherche sens Anti-Horaire (depuis were)

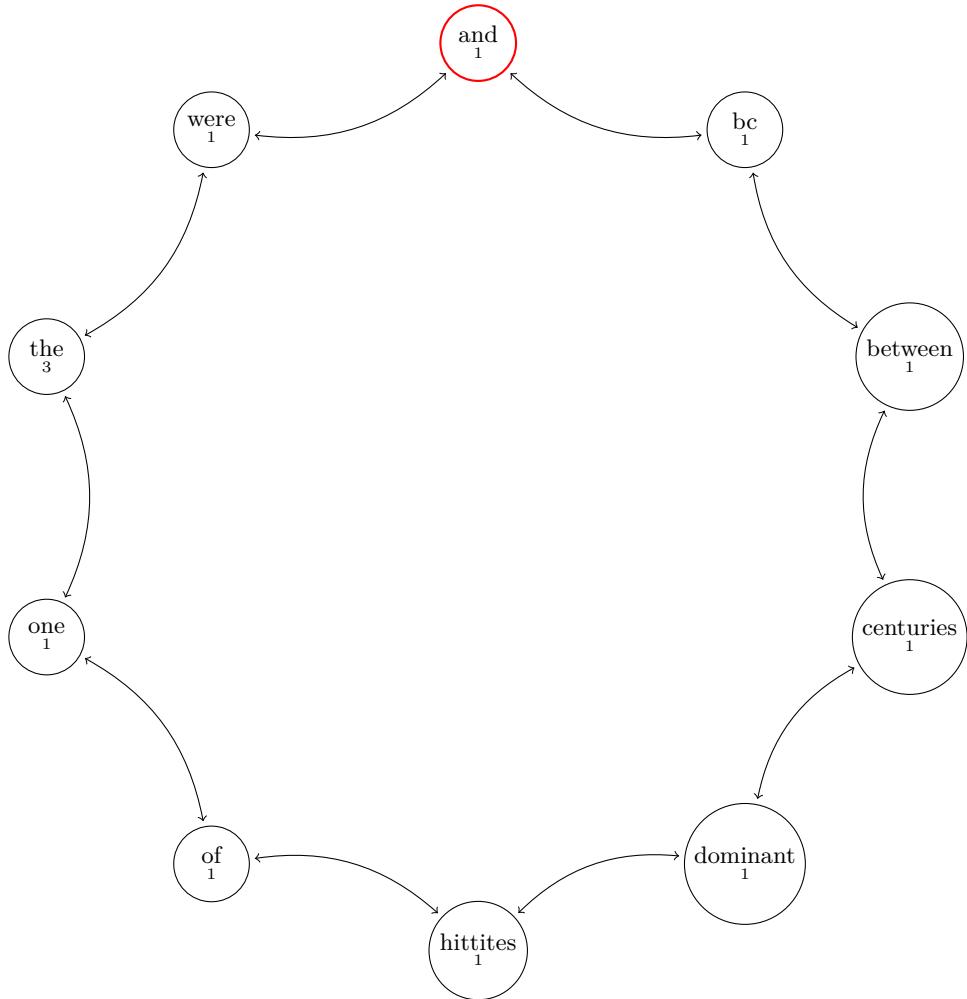
Incrémantion



12 « dominant »

(→) Recherche sens horaire (depuis and)

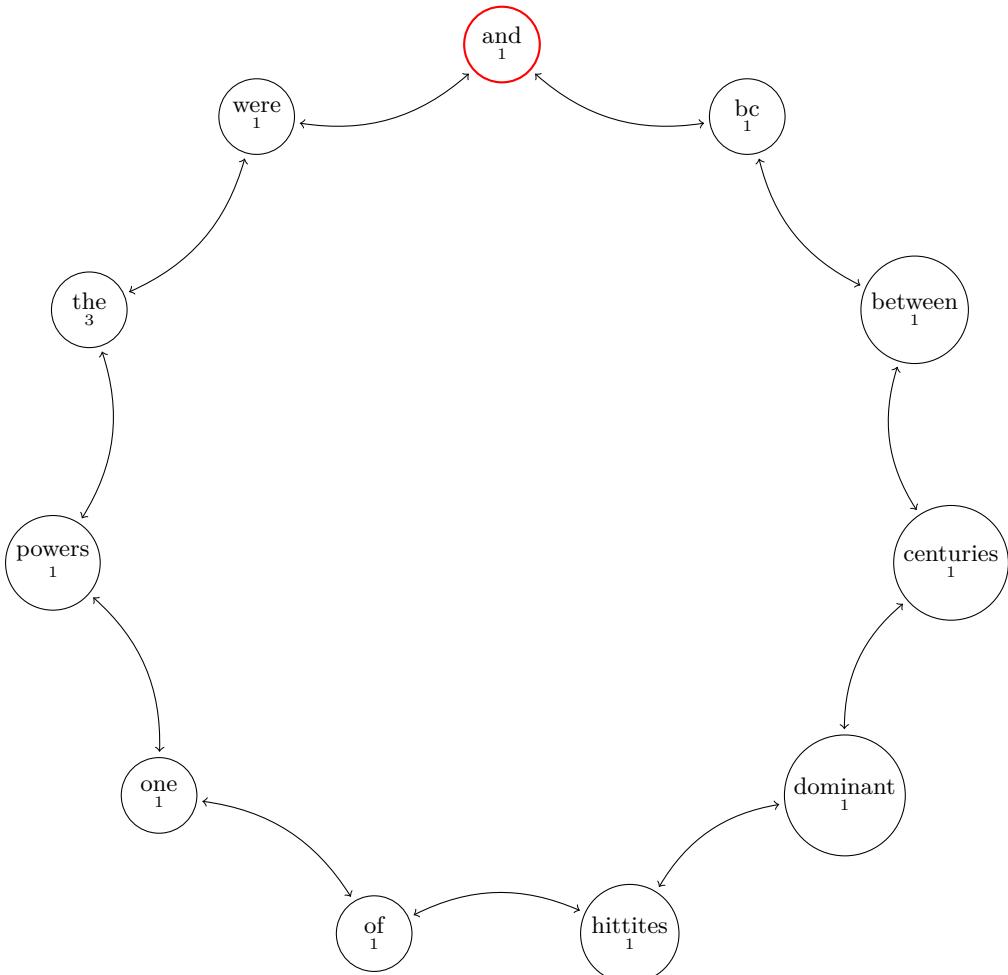
Insertion milieu (après « centuries »)



13 « powers »

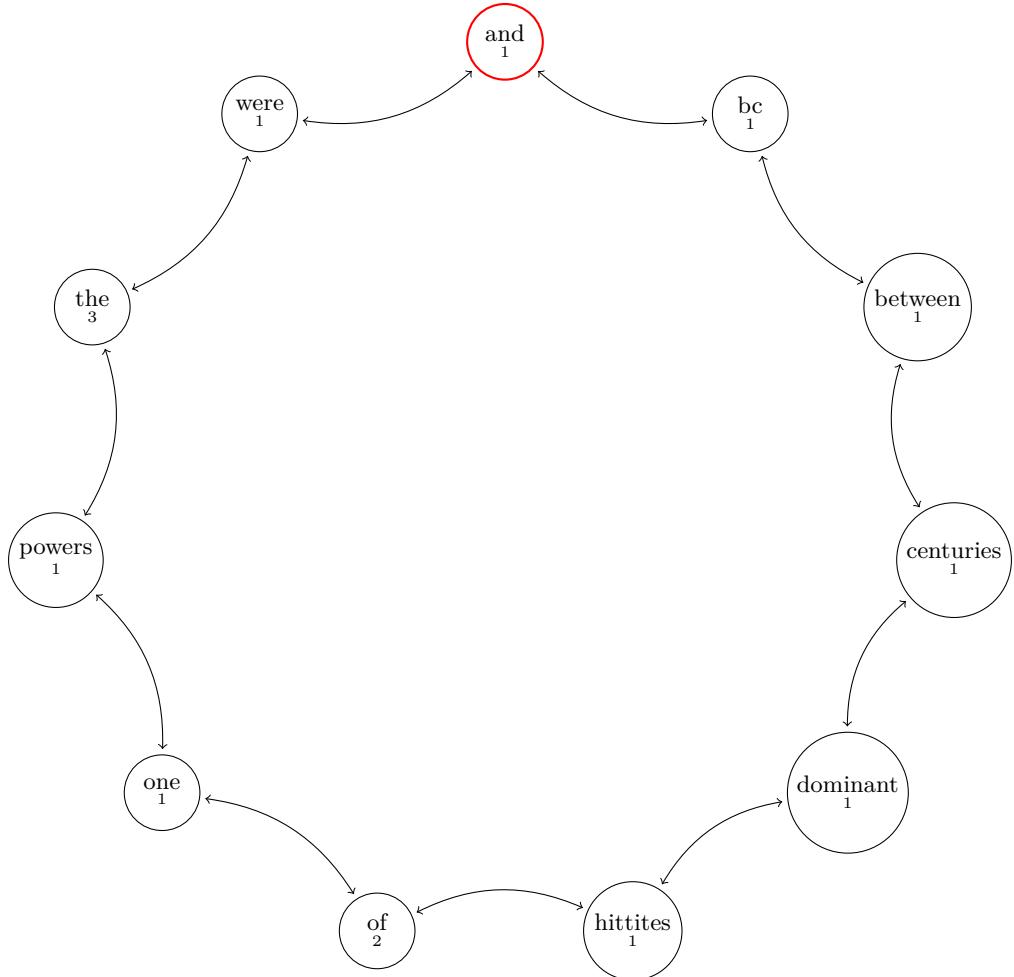
(←) Recherche sens Anti-Horaire (depuis were)

Insertion milieu (après « one »)



(←) Recherche sens Anti-Horaire (depuis were)

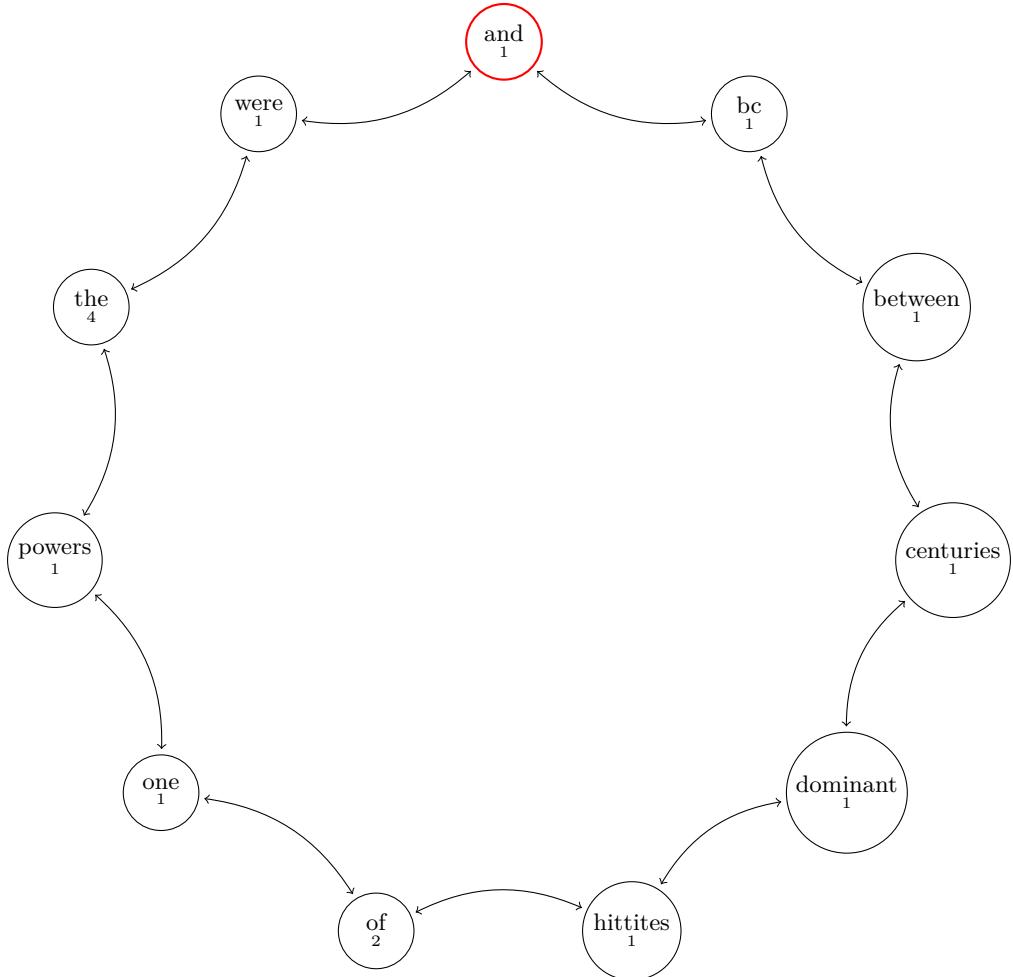
Incrémantion



15 « the »

(←) Recherche sens Anti-Horaire (depuis were)

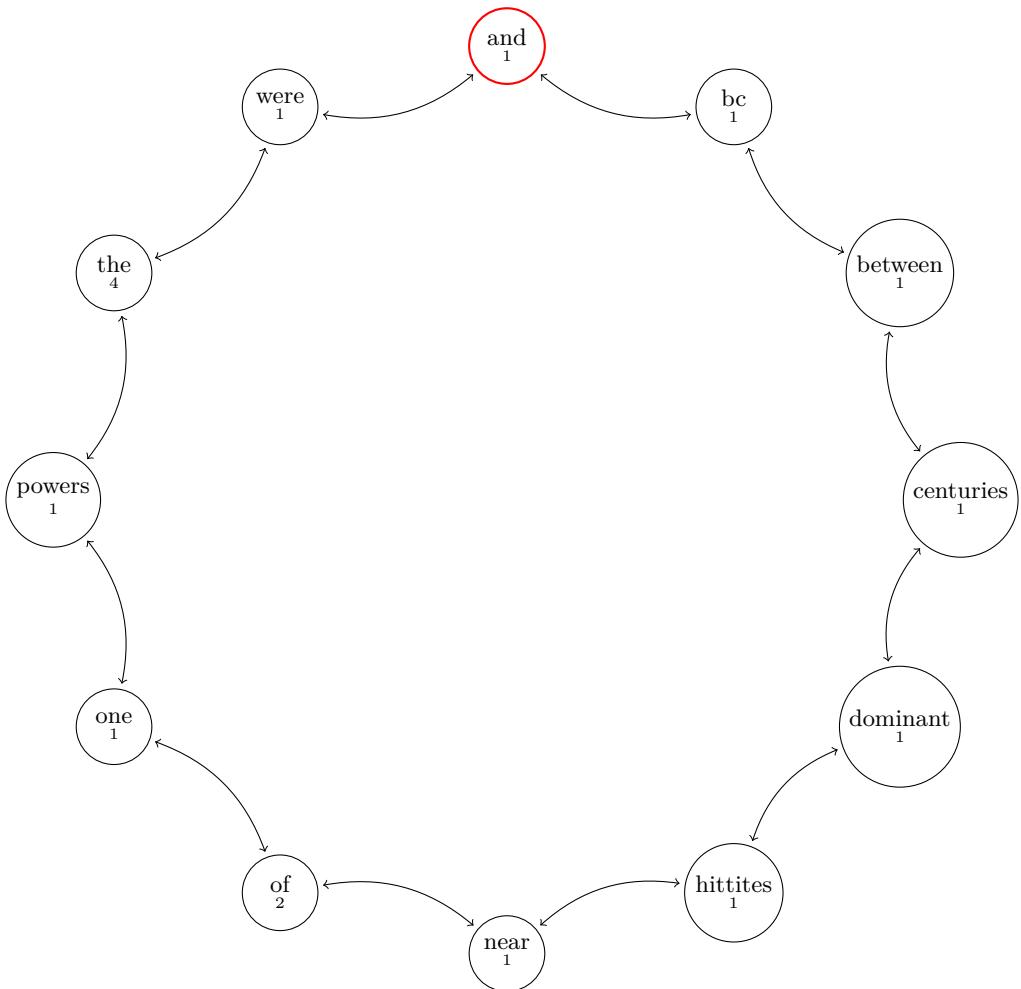
Incrémantion



16 « near »

(←) Recherche sens Anti-Horaire (depuis were)

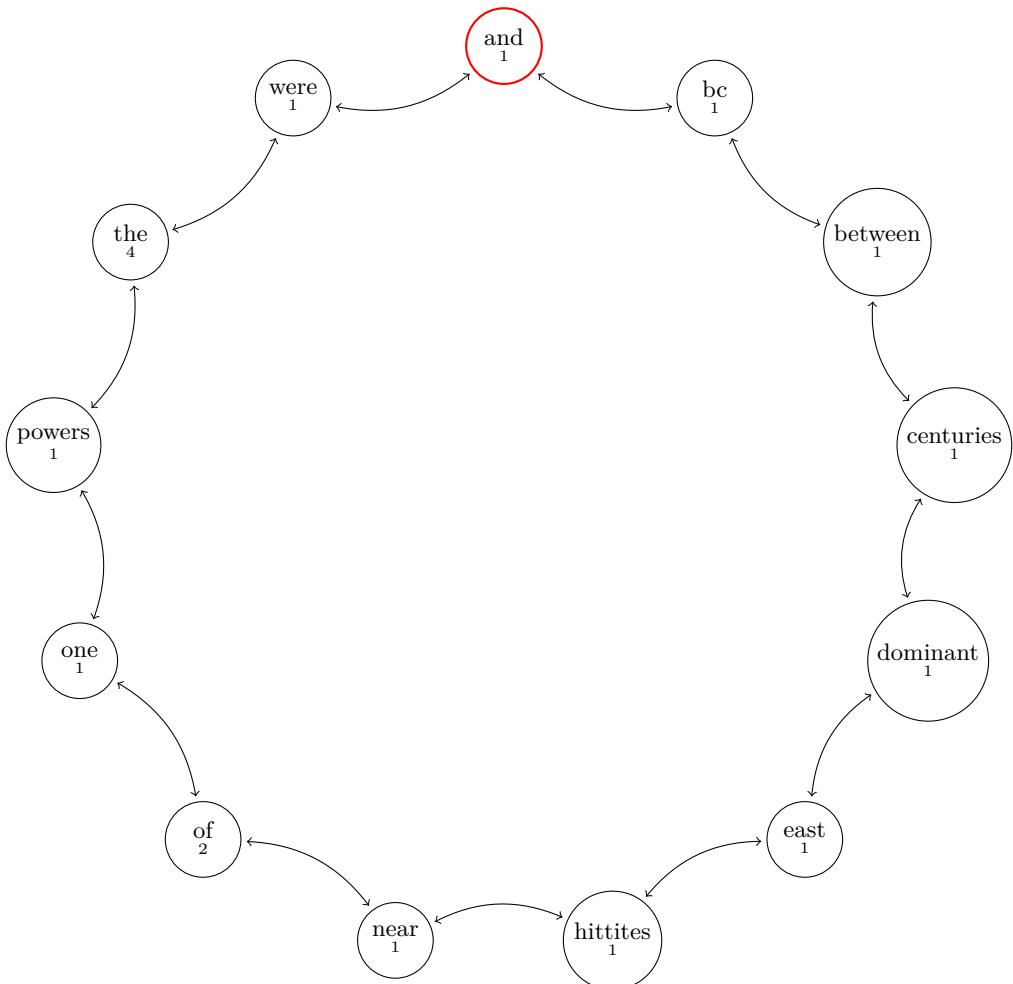
Insertion milieu (après « hittites »)



17 « east »

(→) Recherche sens horaire (depuis and)

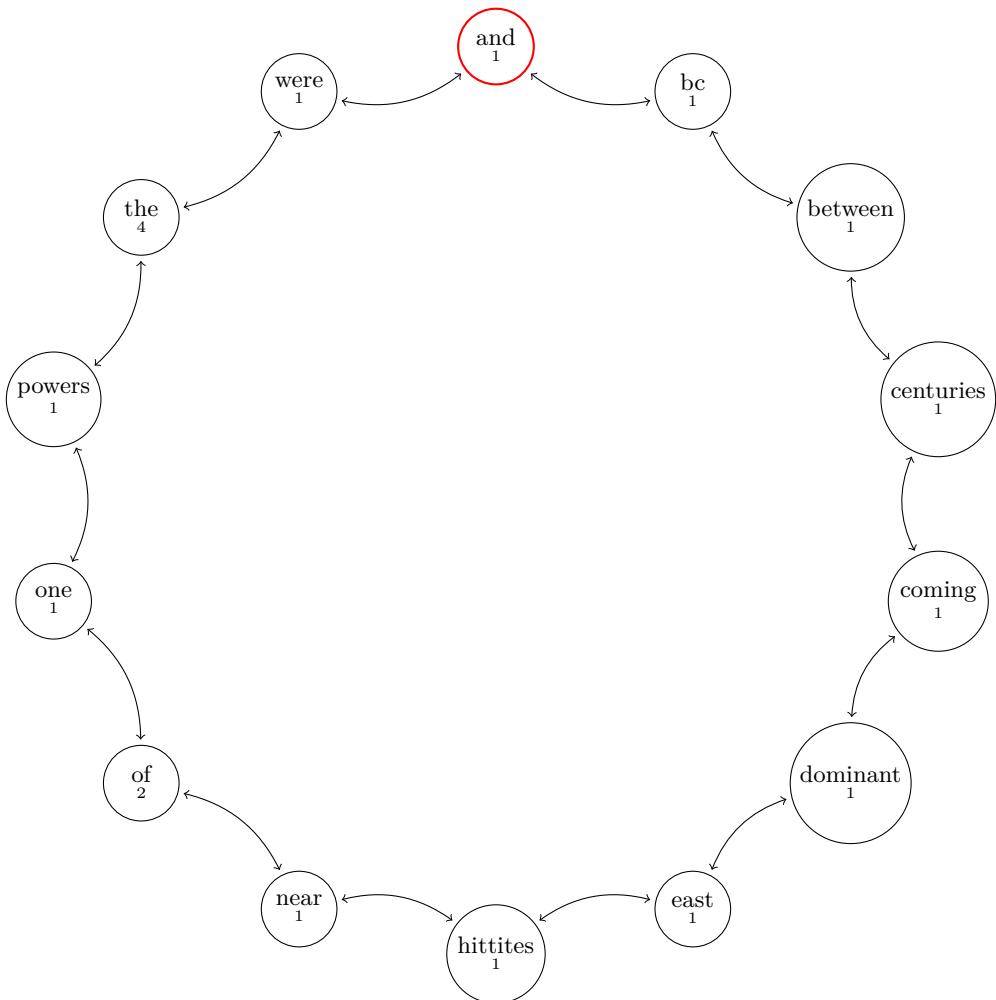
Insertion milieu (après « dominant »)



18 « coming »

(→) Recherche sens horaire (depuis and)

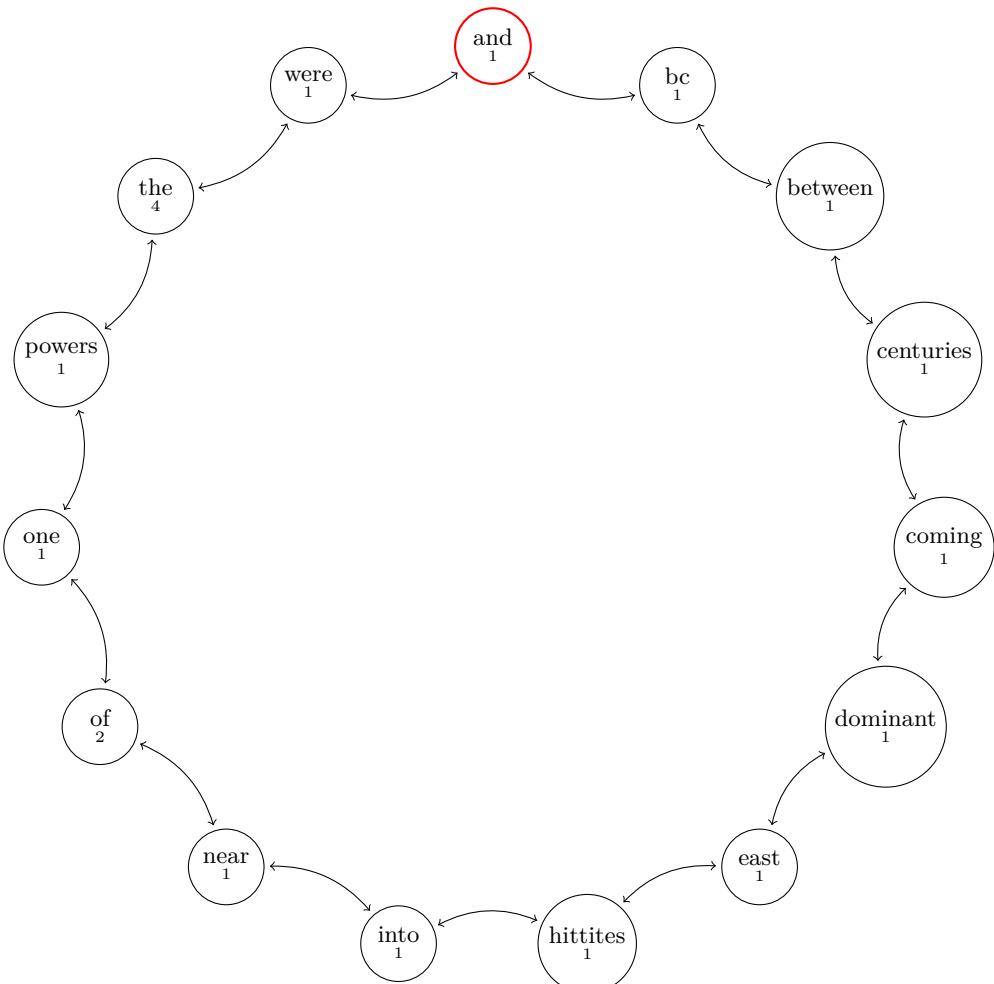
Insertion milieu (après « centuries »)



19 « into »

(→) Recherche sens horaire (depuis and)

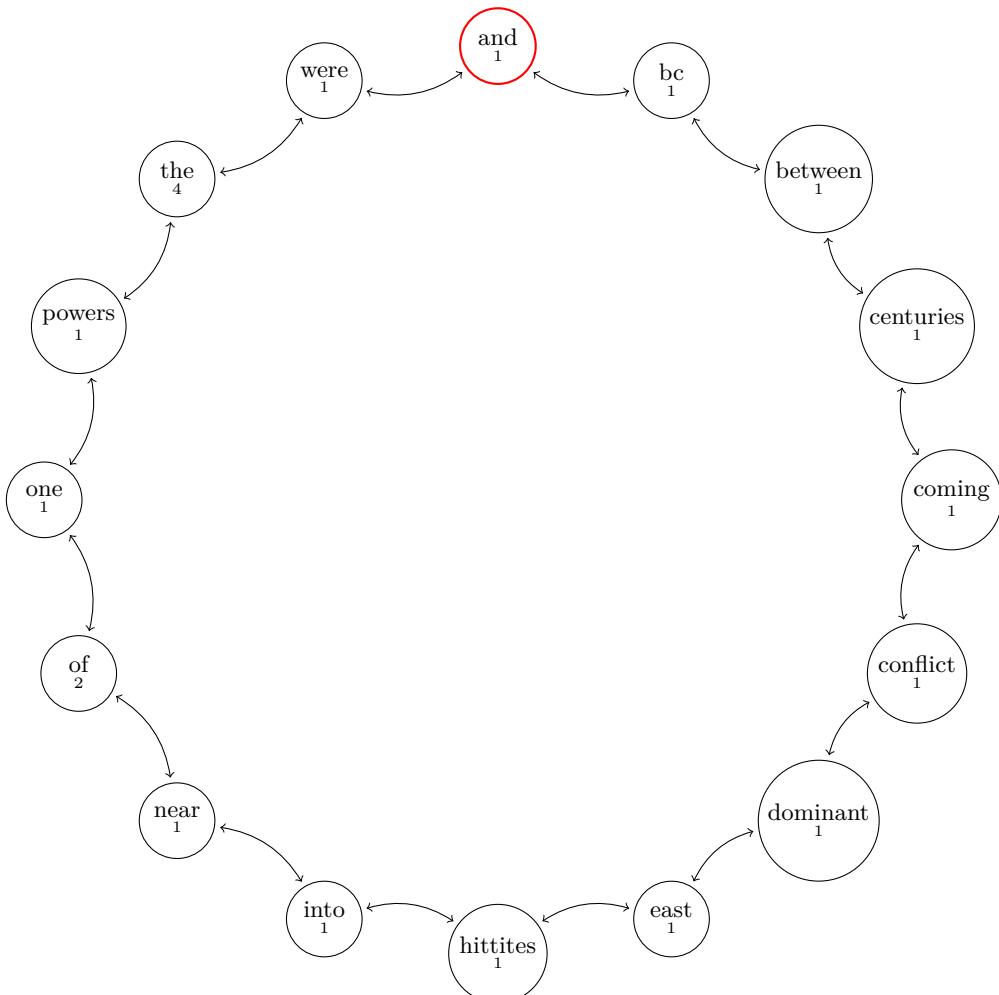
Insertion milieu (après « hittites »)



20 « conflict »

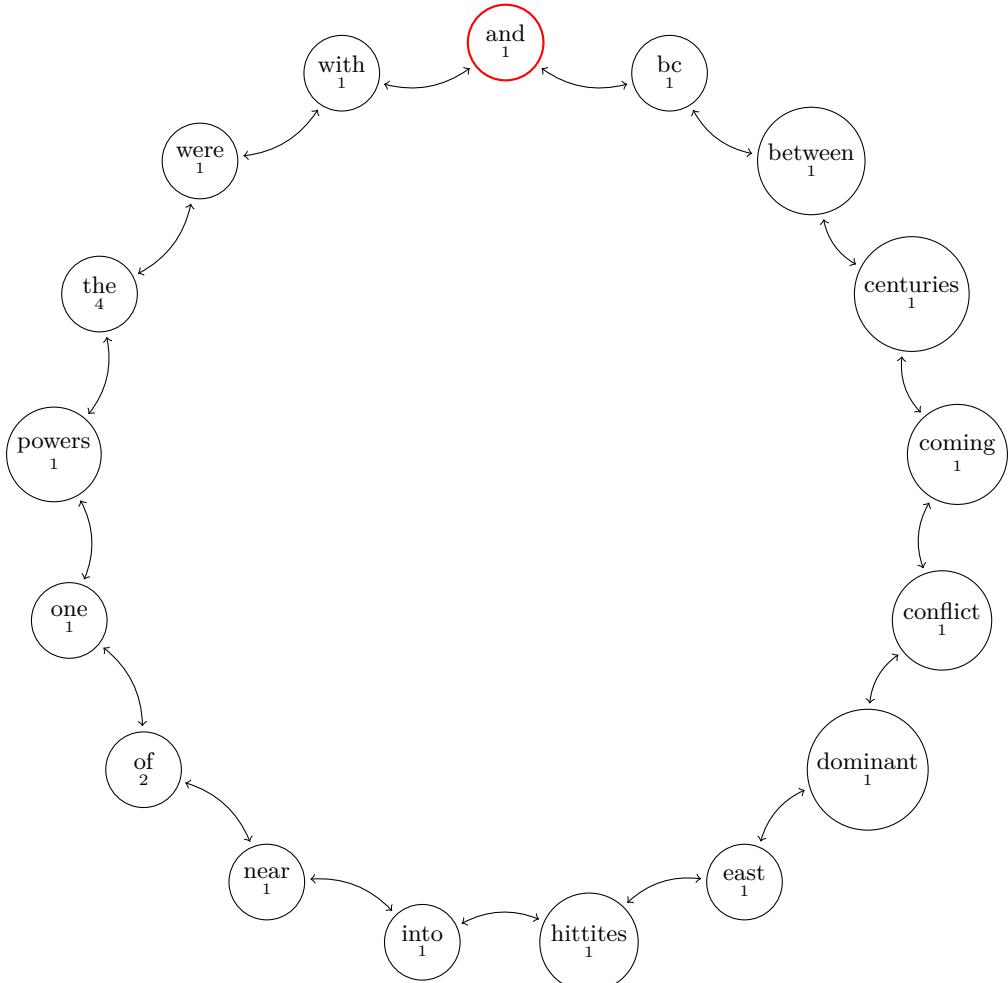
(→) Recherche sens horaire (depuis and)

Insertion milieu (après « coming »)



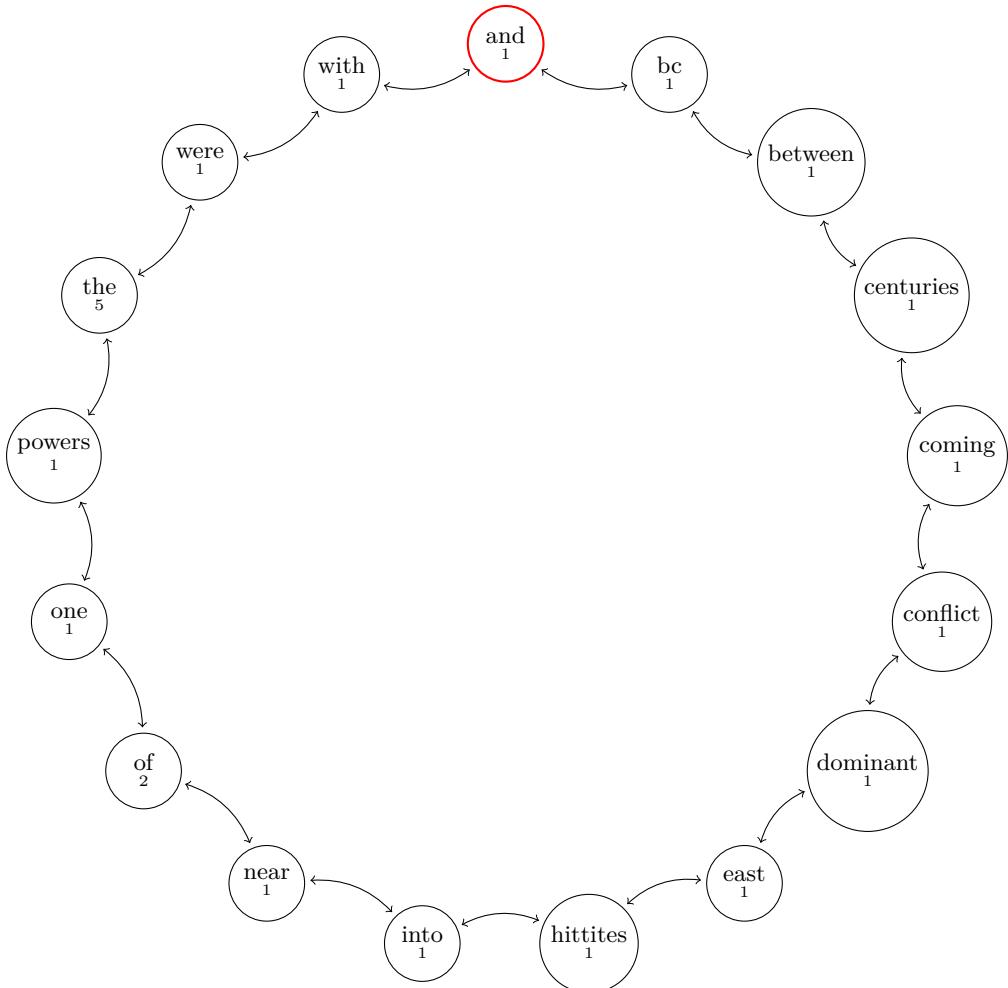
21 « with »

Création de noeud en fin (après « were »)



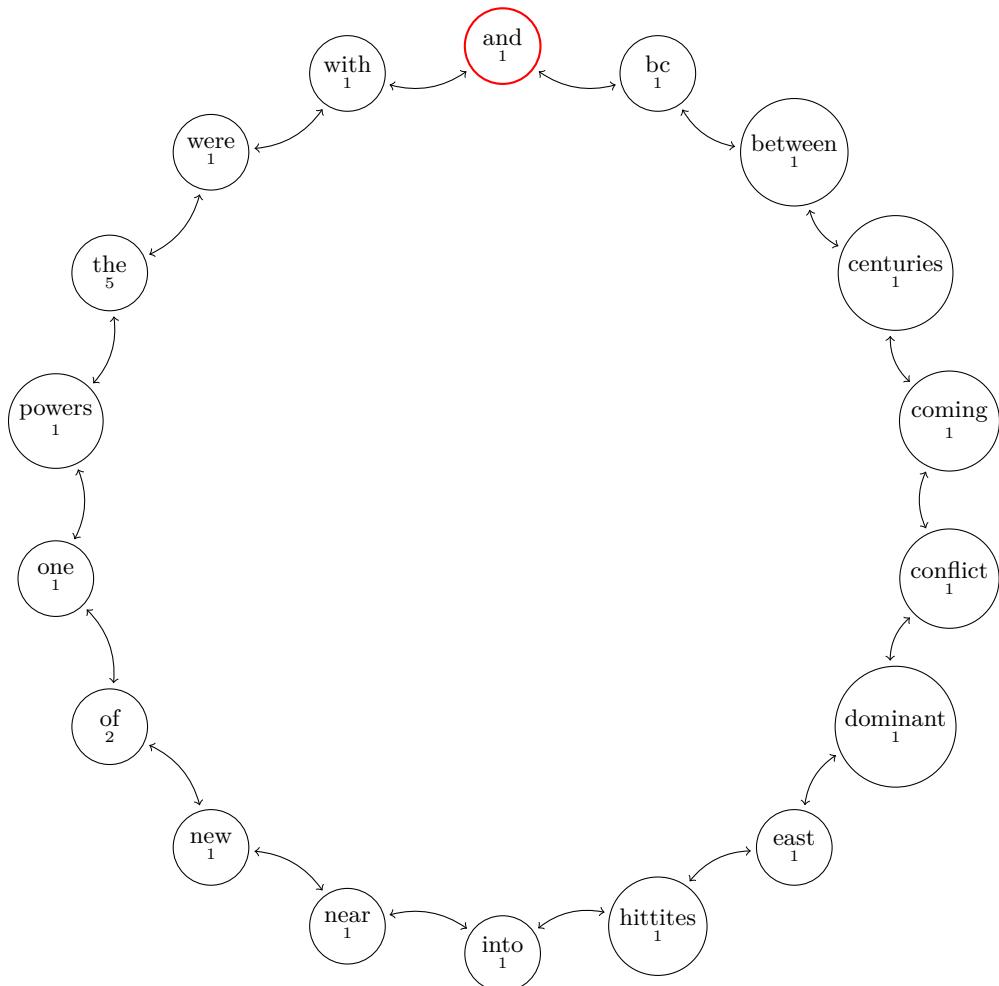
(←) Recherche sens Anti-Horaire (depuis with)

Incrémantion



(←) Recherche sens Anti-Horaire (depuis with)

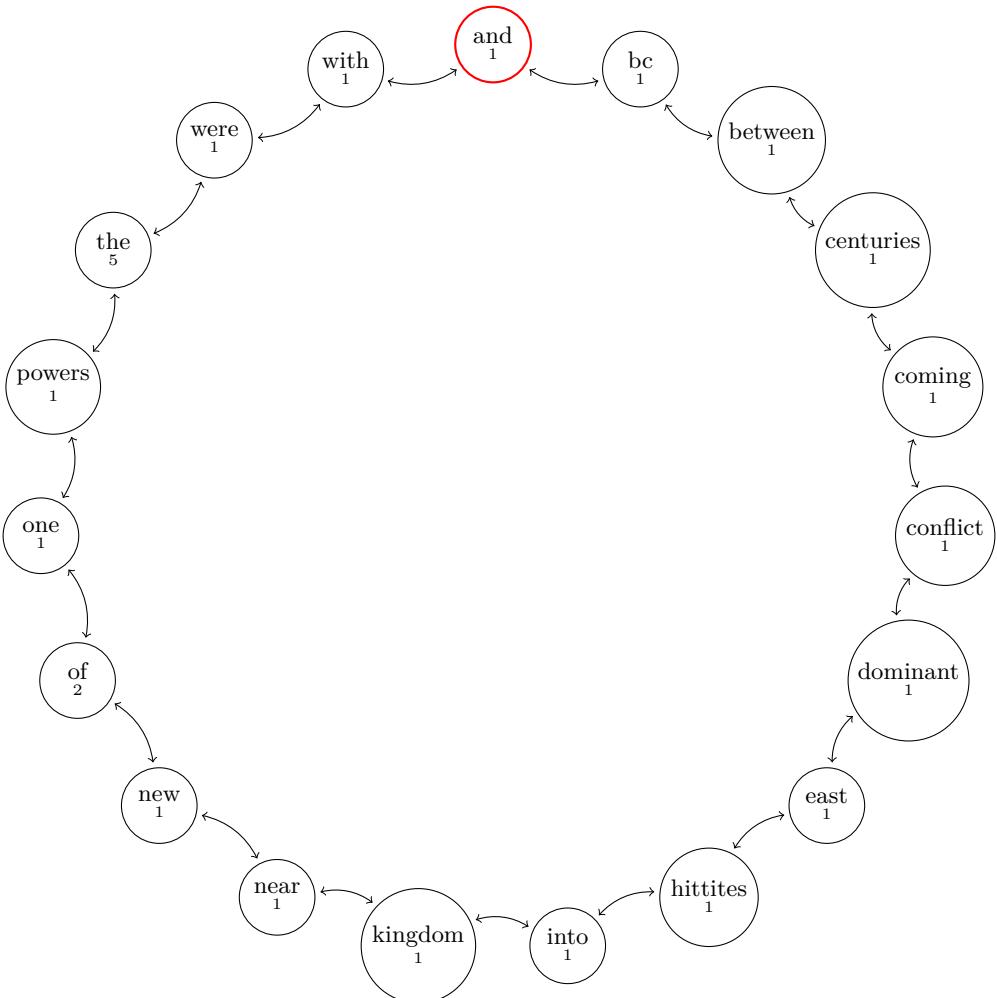
Insertion milieu (après « near »)



24 « kingdom »

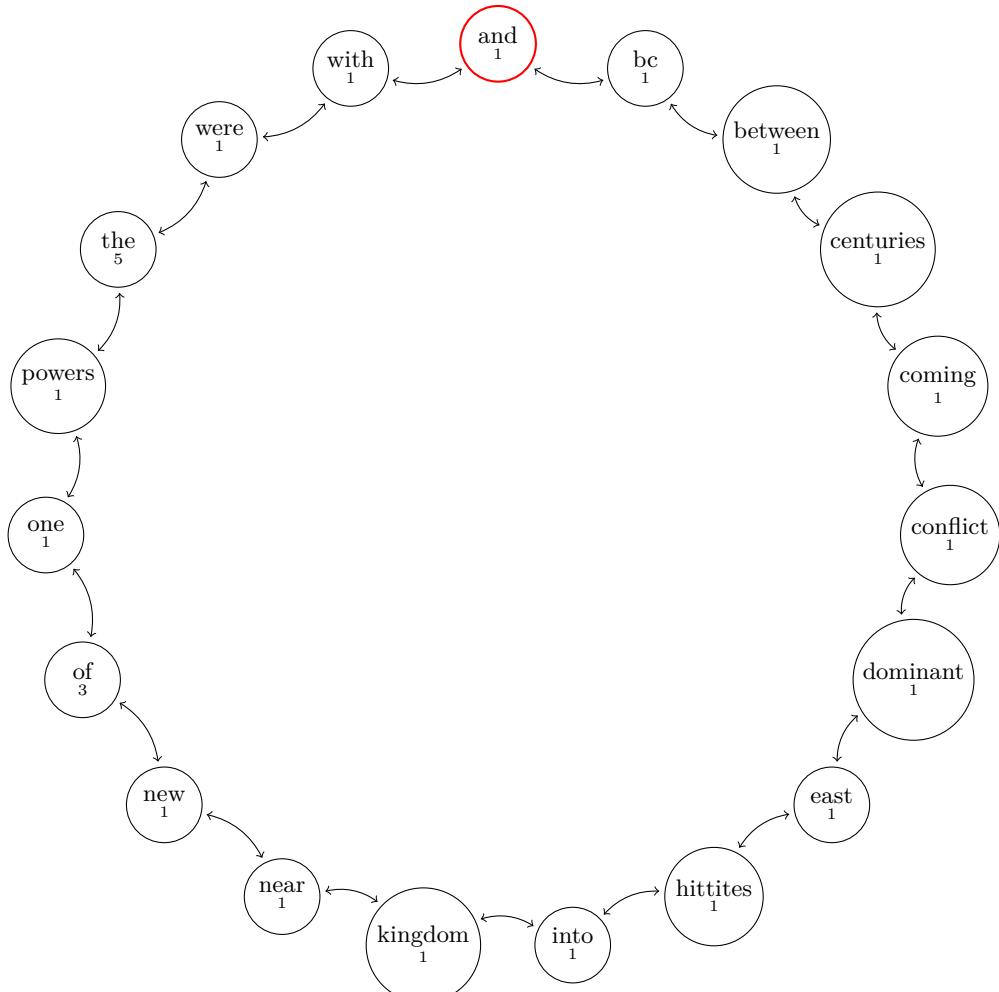
(→) Recherche sens horaire (depuis and)

Insertion milieu (après « into »)



(←) Recherche sens Anti-Horaire (depuis with)

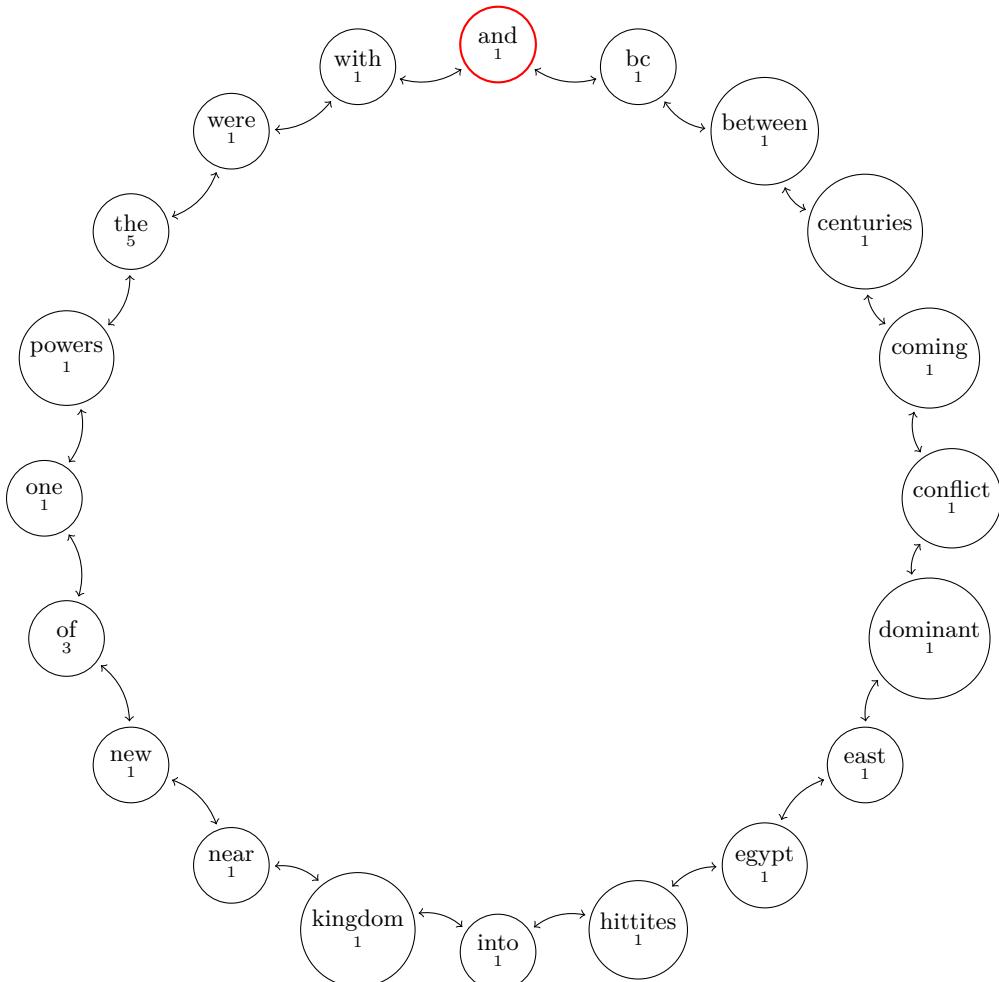
Incrémantion



26 « egypt »

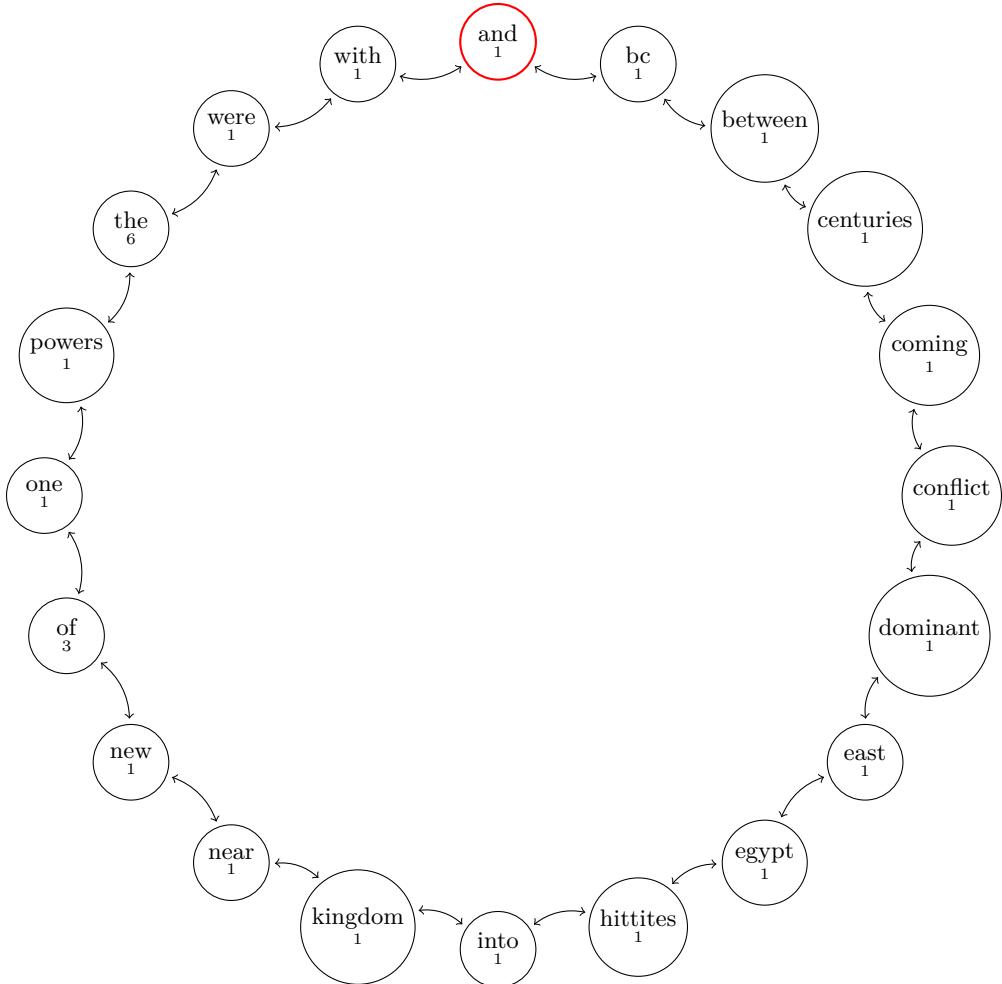
(→) Recherche sens horaire (depuis and)

Insertion milieu (après « east »)



(←) Recherche sens Anti-Horaire (depuis with)

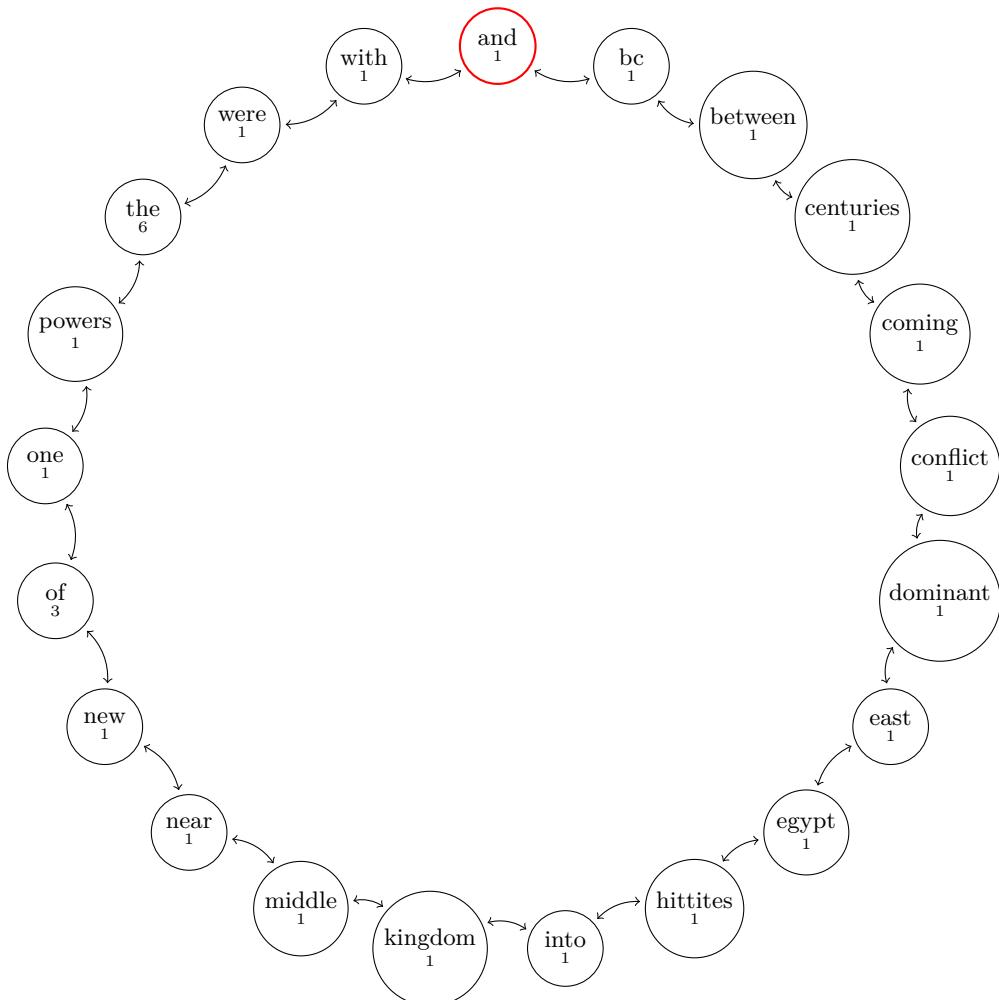
Incrémantion



28 « middle »

(←) Recherche sens Anti-Horaire (depuis with)

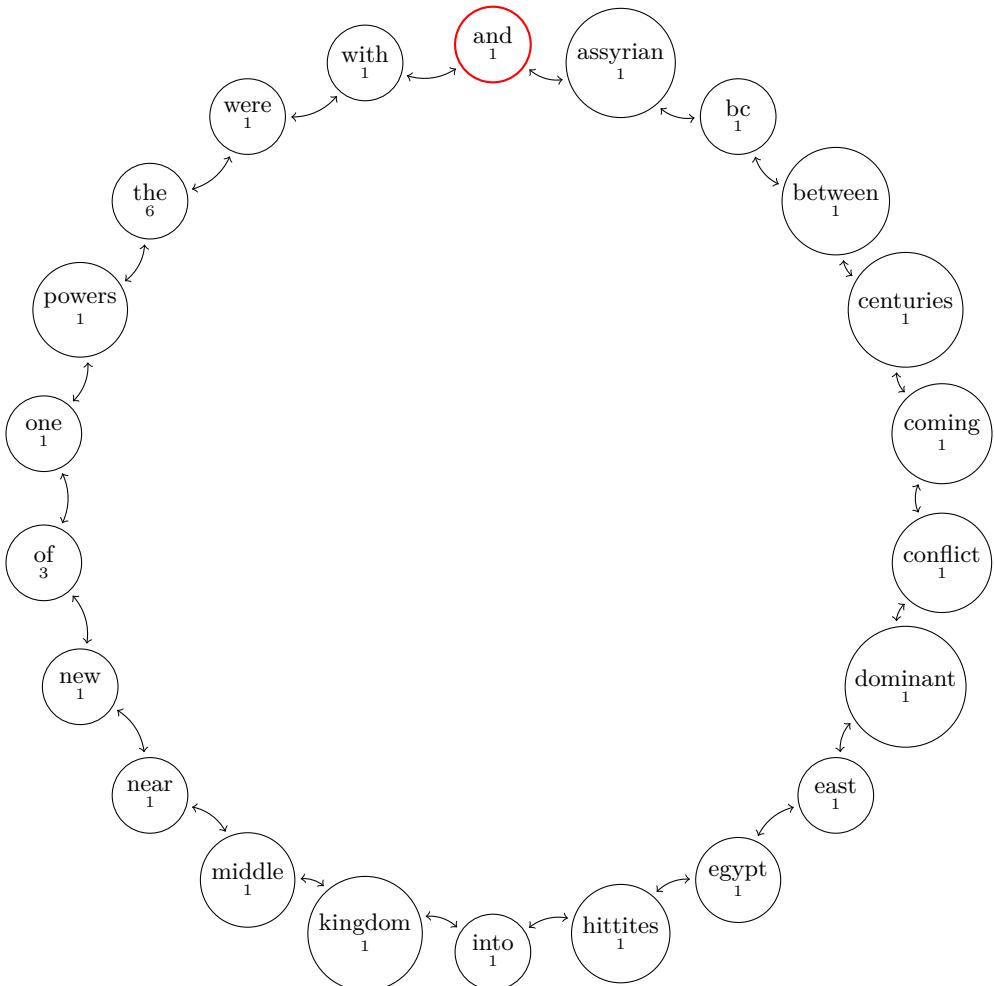
Insertion milieu (après « kingdom »)



29 « assyrian »

(→) Recherche sens horaire (depuis and)

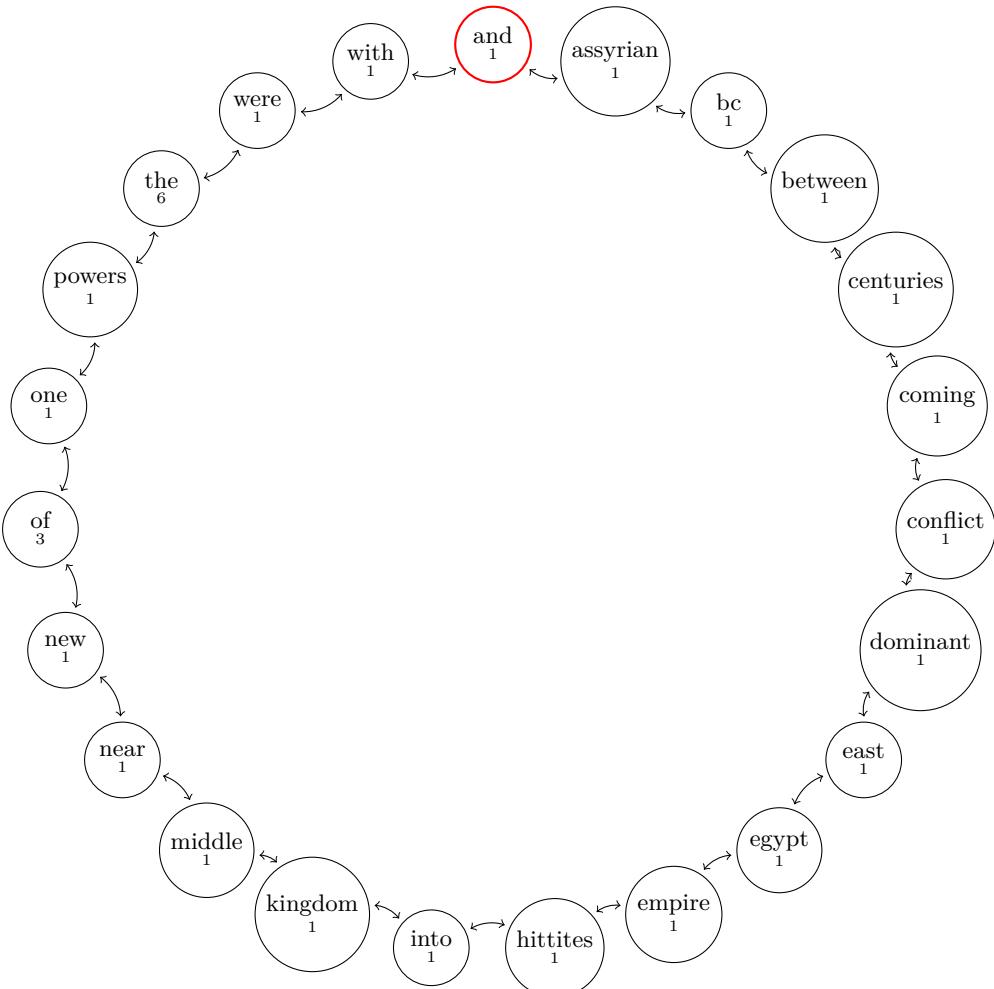
Insertion milieu (après « and »)



30 « empire »

(→) Recherche sens horaire (depuis and)

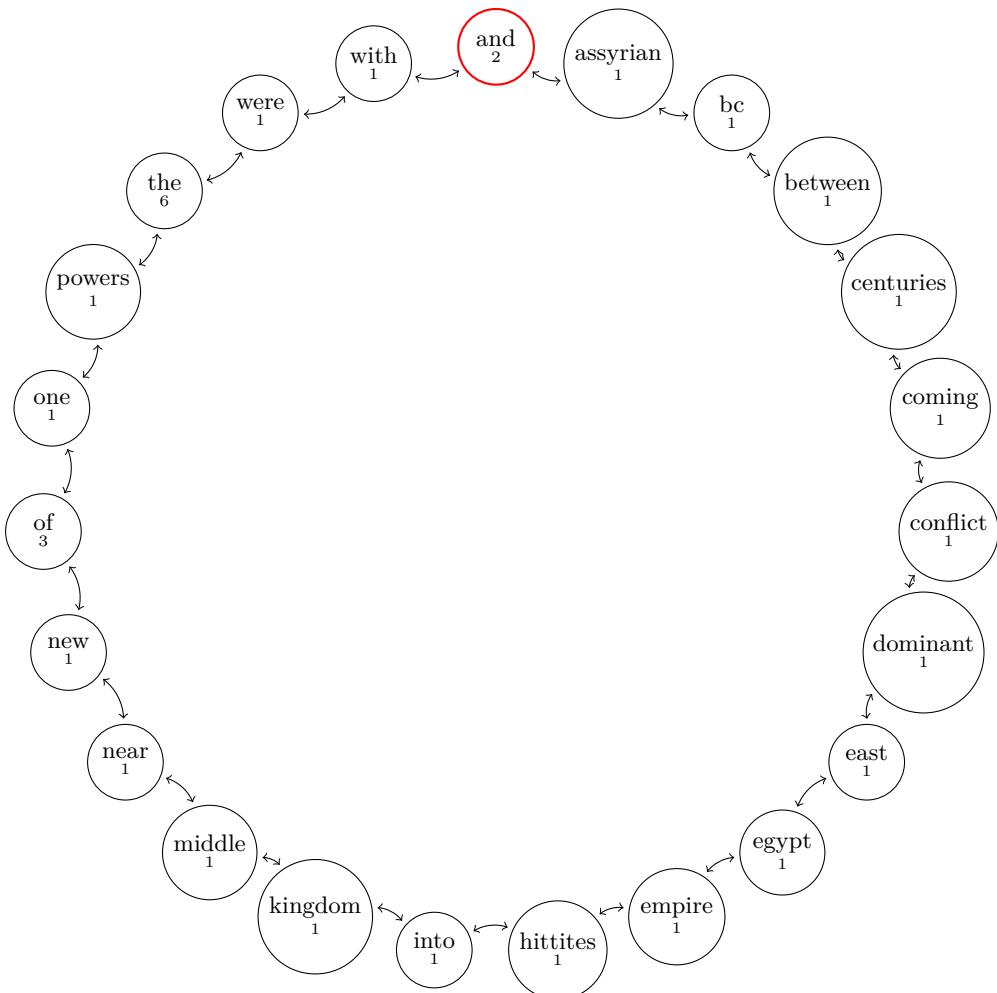
Insertion milieu (après « egypt »)



31 « and »

(→) Recherche sens horaire (depuis and)

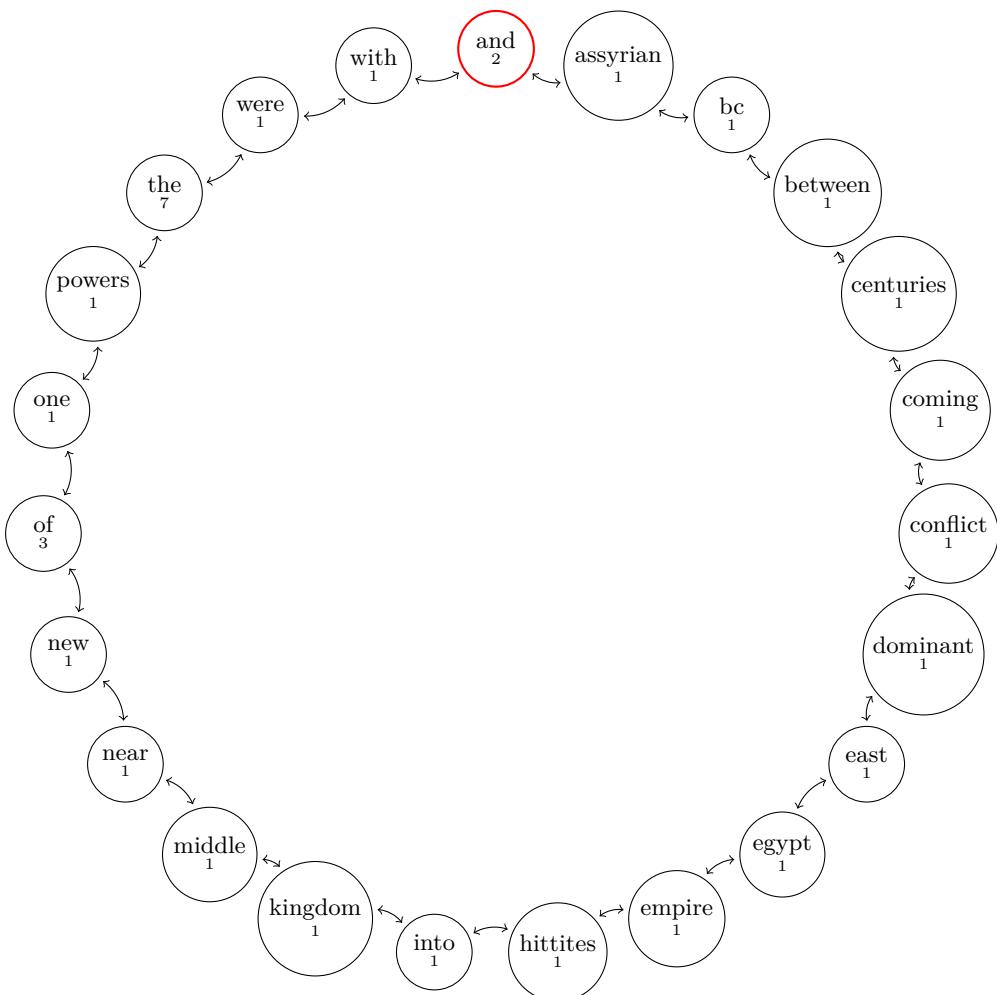
Incrémantion



32 « the »

(←) Recherche sens Anti-Horaire (depuis with)

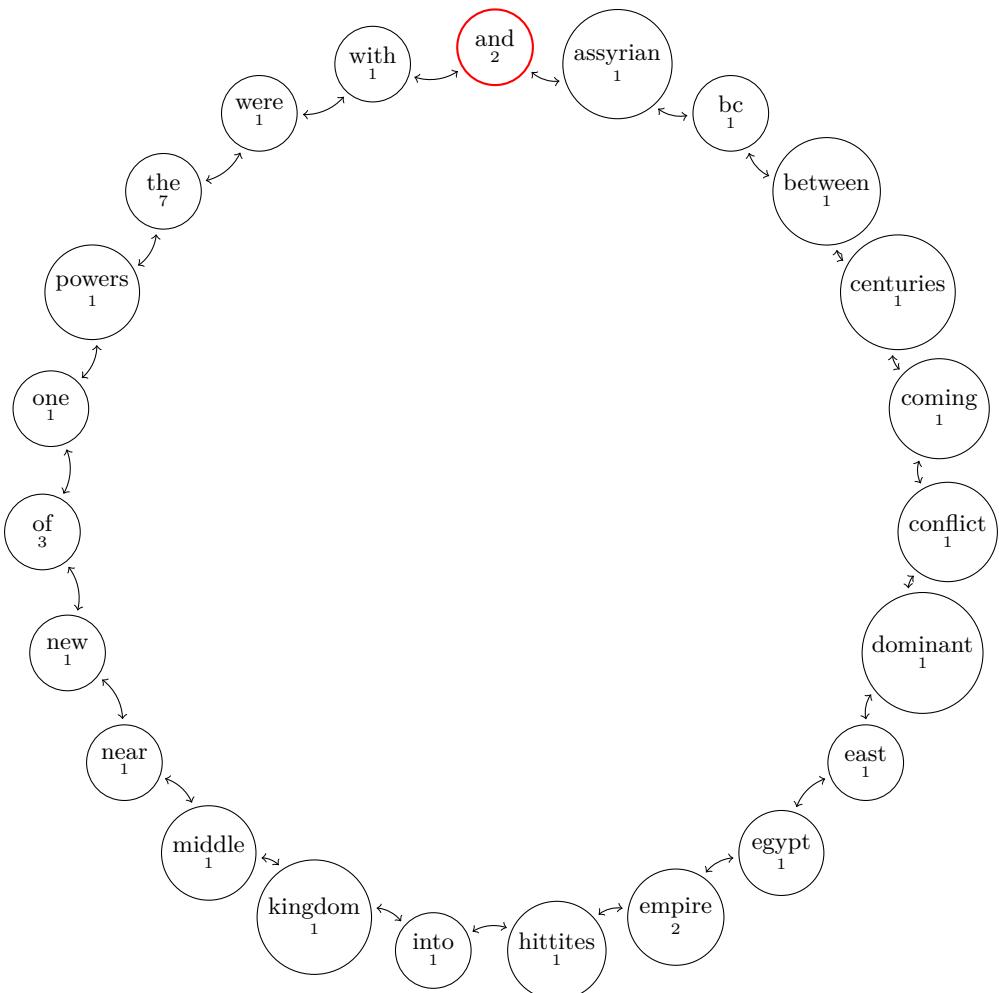
Incrémantion



33 « empire »

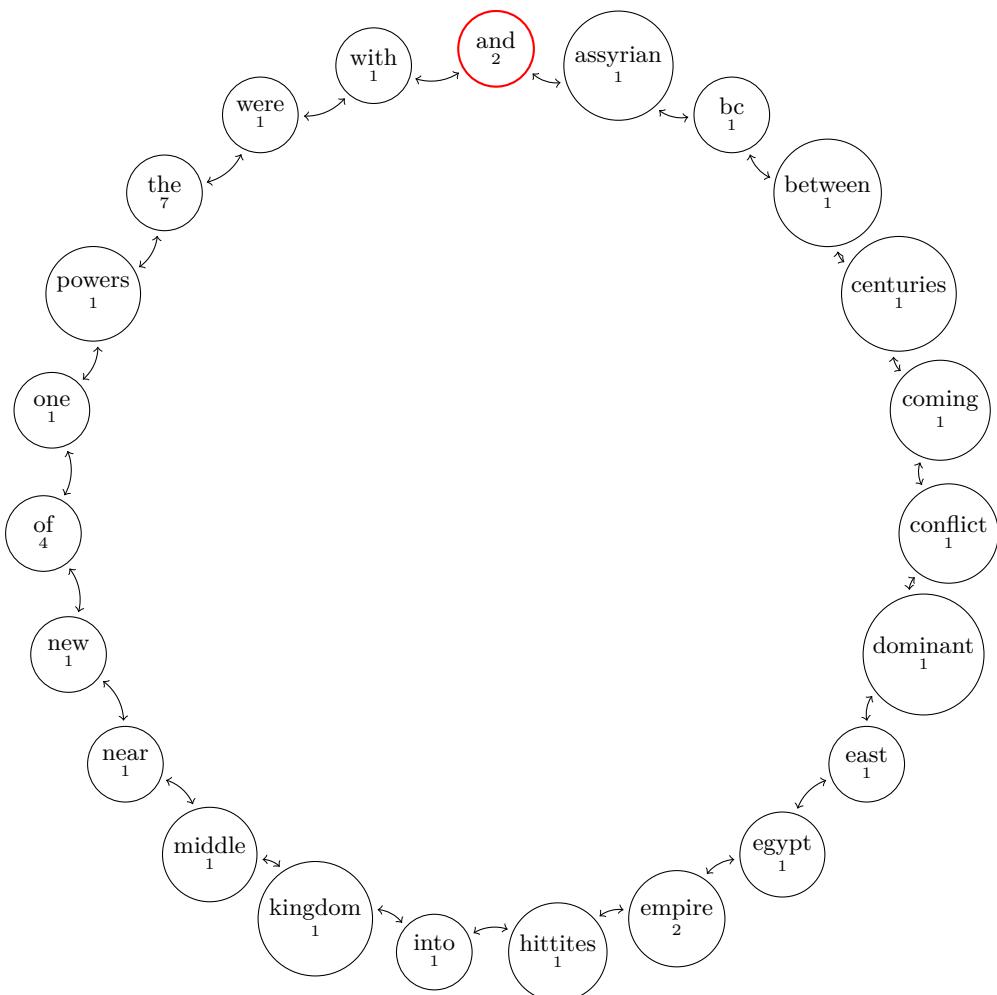
(→) Recherche sens horaire (depuis and)

Incrémantion



(←) Recherche sens Anti-Horaire (depuis with)

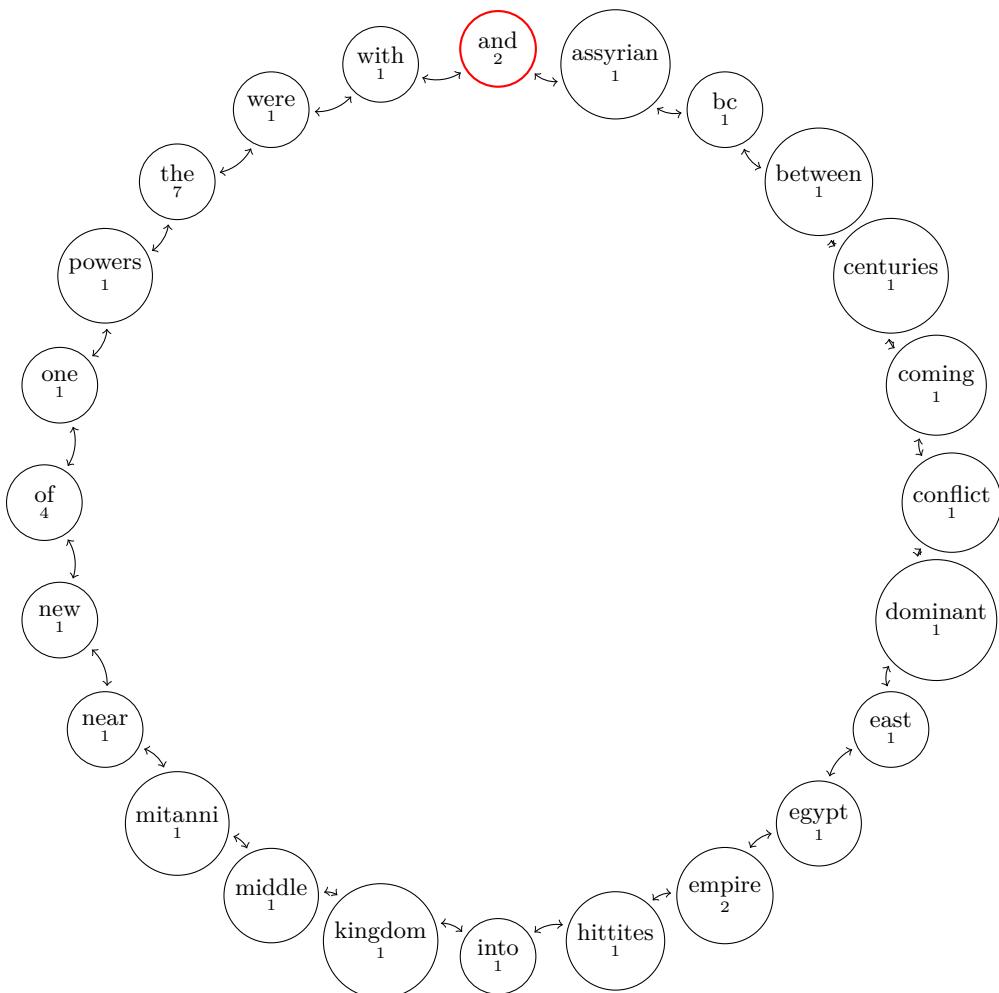
Incrémantion



35 « mitanni »

(←) Recherche sens Anti-Horaire (depuis with)

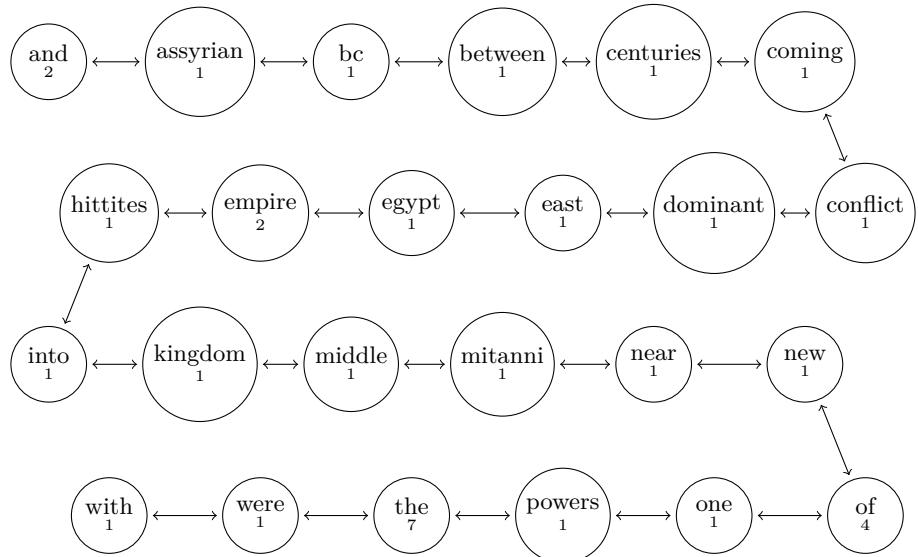
Insertion milieu (après « middle »)



Trier la structure

Visualiation du tri fusion sur cette structure

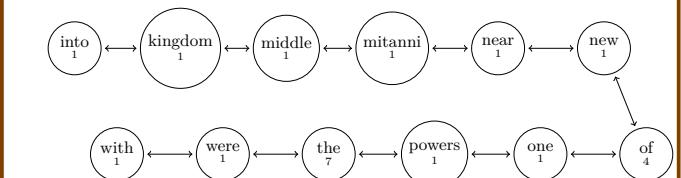
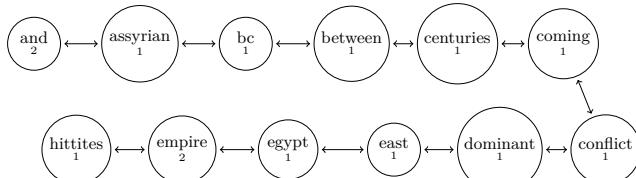
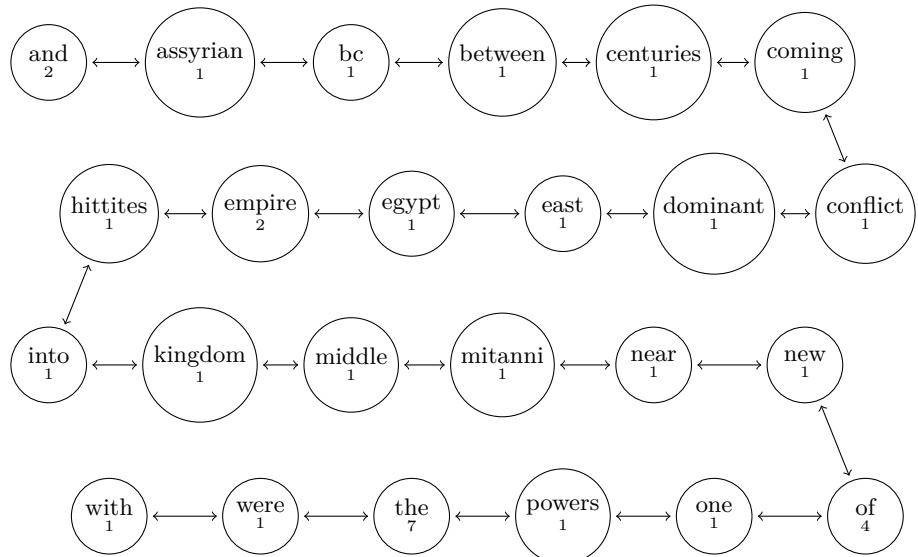
36 Première étape : Casser la circularité



37 Deuxième étape : Tout casser

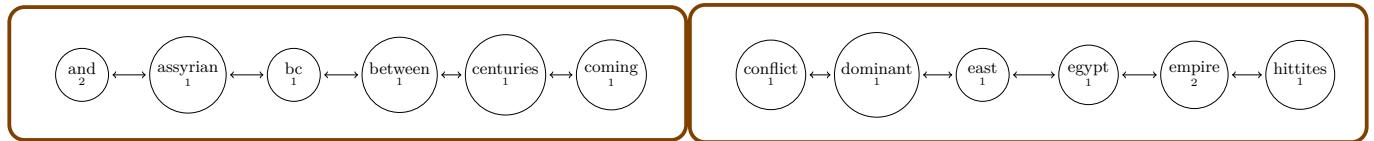
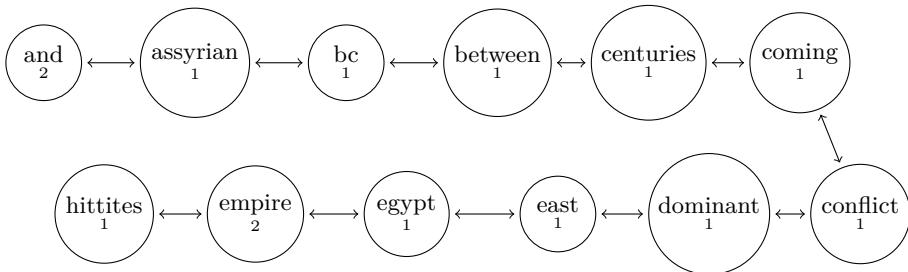
37.1 Lancement d'une étape

37.1.1 Séparation



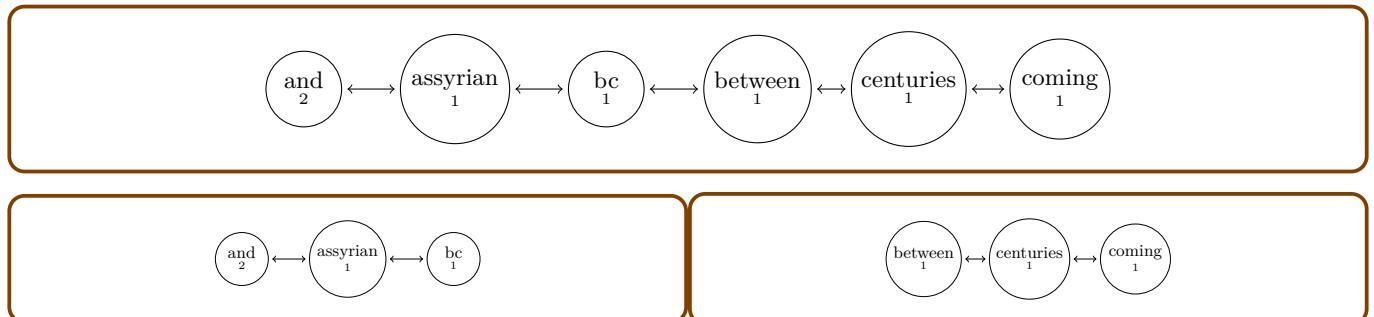
37.2 Lancement d'une étape

37.2.1 Séparation



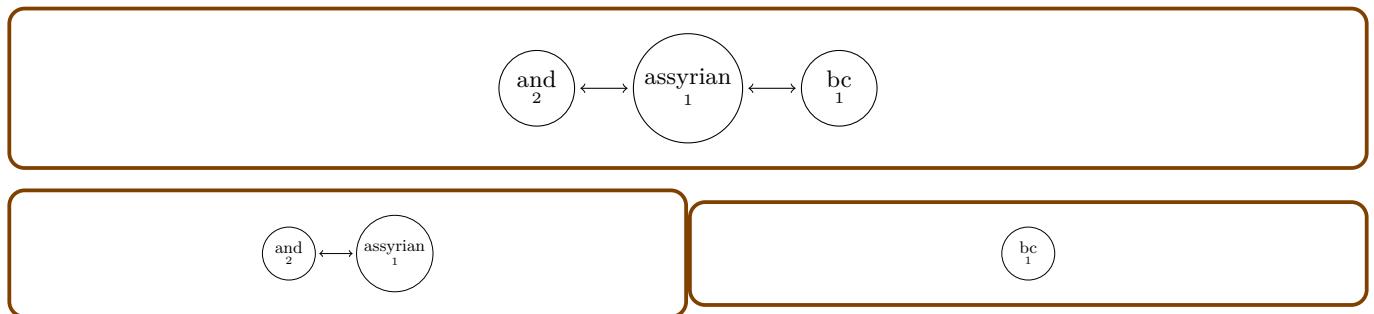
37.3 Lancement d'une étape

37.3.1 Séparation



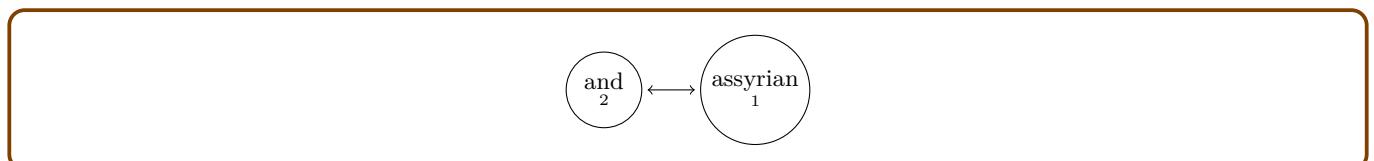
37.4 Lancement d'une étape

37.4.1 Séparation



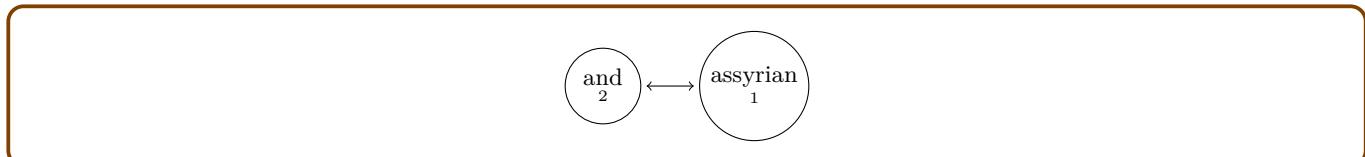
37.5 Lancement d'une étape

37.5.1 Séparation

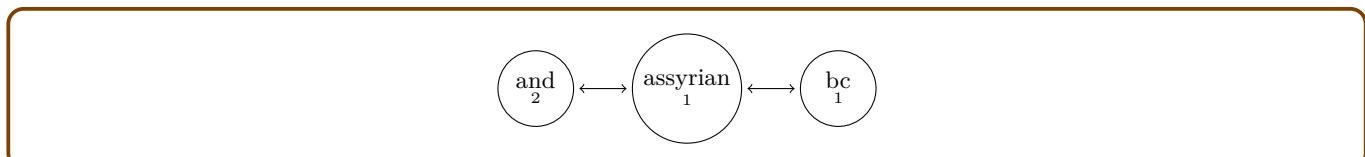




37.5.2 Fusion

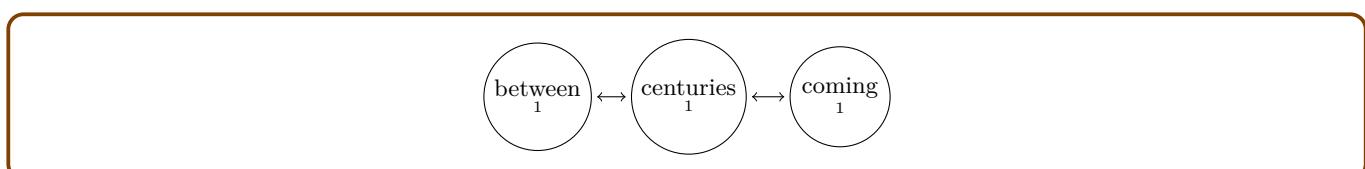


37.5.3 Fusion



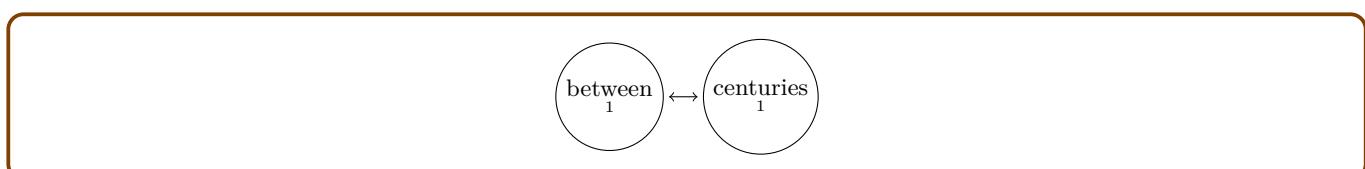
37.6 Lancement d'une étape

37.6.1 Séparation

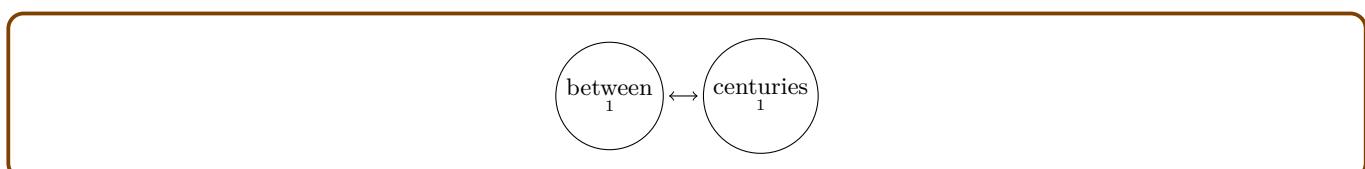


37.7 Lancement d'une étape

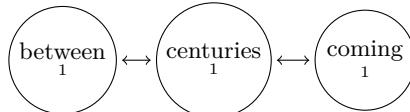
37.7.1 Séparation



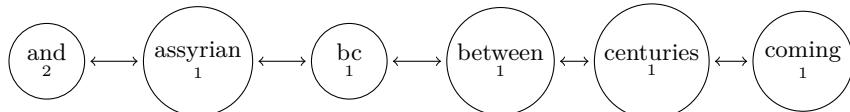
37.7.2 Fusion



37.7.3 Fusion

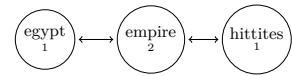
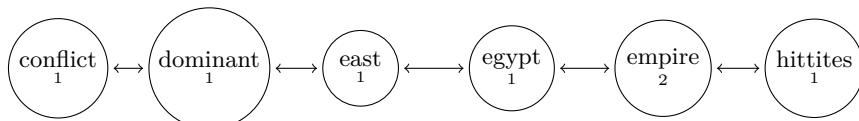


37.7.4 Fusion



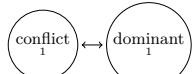
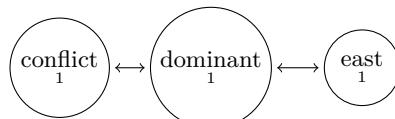
37.8 Lancement d'une étape

37.8.1 Séparation



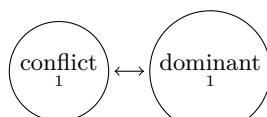
37.9 Lancement d'une étape

37.9.1 Séparation

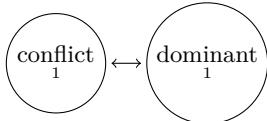


37.10 Lancement d'une étape

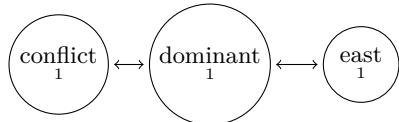
37.10.1 Séparation



37.10.2 Fusion

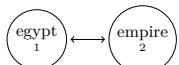
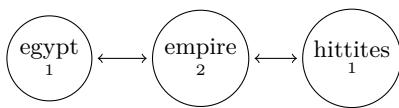


37.10.3 Fusion



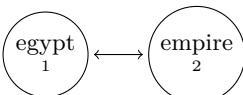
37.11 Lancement d'une étape

37.11.1 Séparation

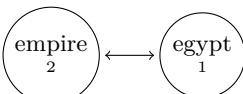


37.12 Lancement d'une étape

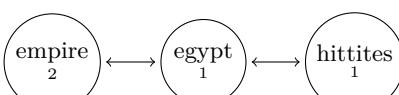
37.12.1 Séparation



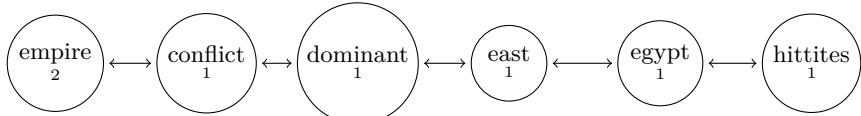
37.12.2 Fusion



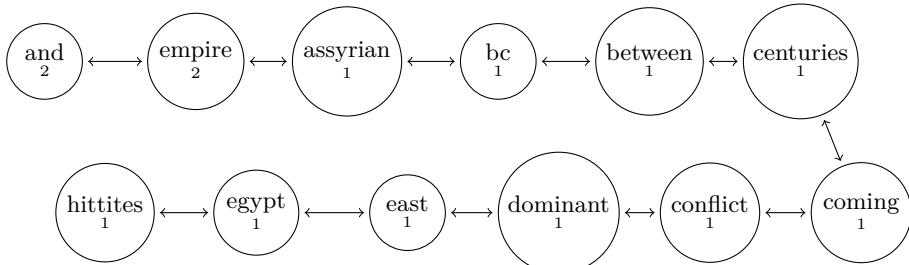
37.12.3 Fusion



37.12.4 Fusion

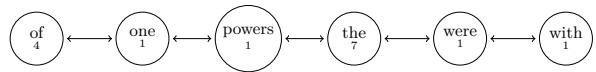
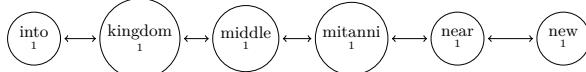
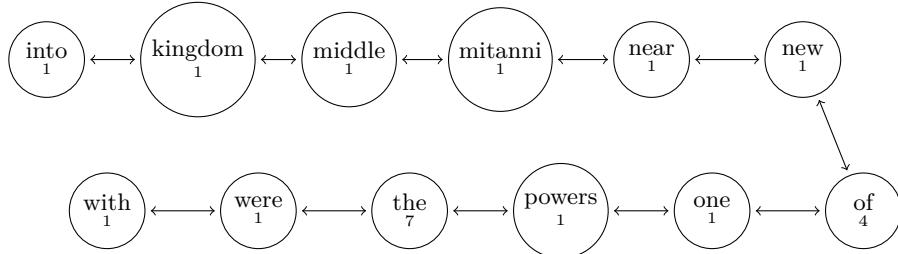


37.12.5 Fusion



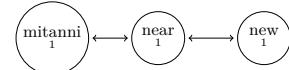
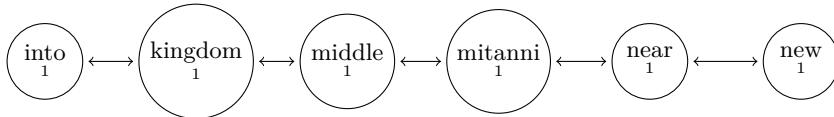
37.13 Lancement d'une étape

37.13.1 Séparation



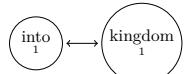
37.14 Lancement d'une étape

37.14.1 Séparation



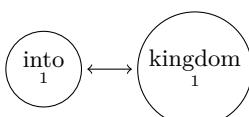
37.15 Lancement d'une étape

37.15.1 Séparation

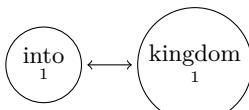


37.16 Lancement d'une étape

37.16.1 Séparation



37.16.2 Fusion

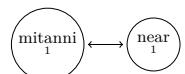
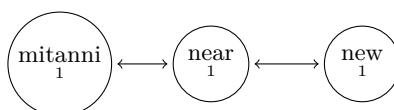


37.16.3 Fusion



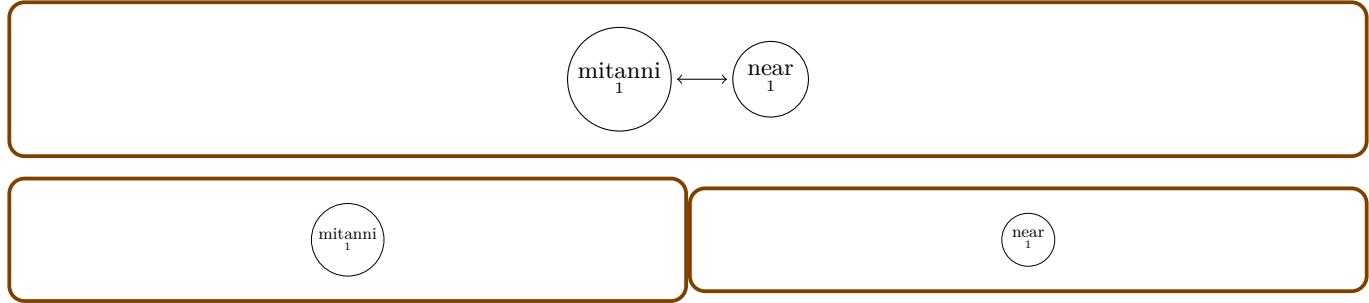
37.17 Lancement d'une étape

37.17.1 Séparation

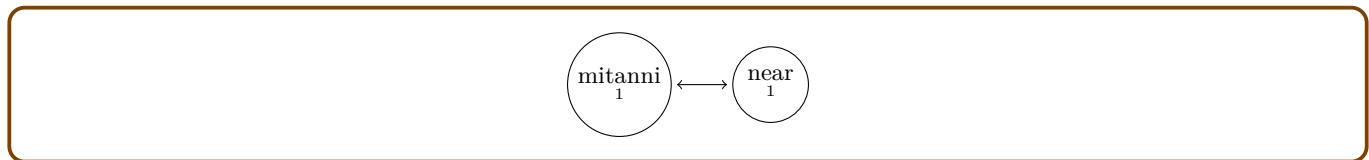


37.18 Lancement d'une étape

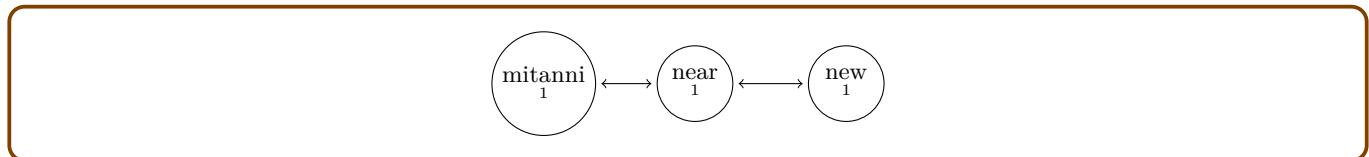
37.18.1 Séparation



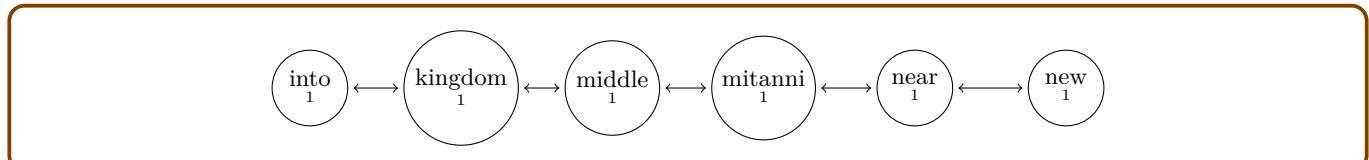
37.18.2 Fusion



37.18.3 Fusion

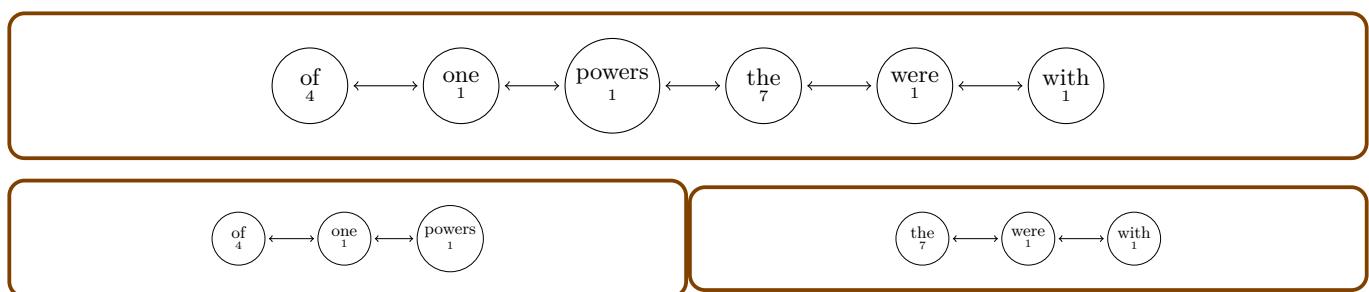


37.18.4 Fusion



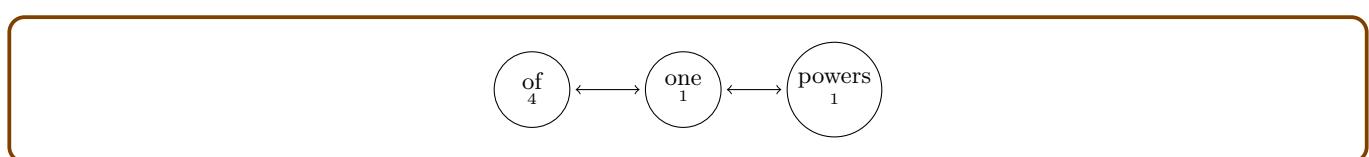
37.19 Lancement d'une étape

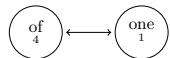
37.19.1 Séparation



37.20 Lancement d'une étape

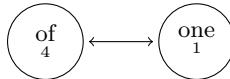
37.20.1 Séparation



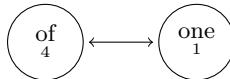


37.21 Lancement d'une étape

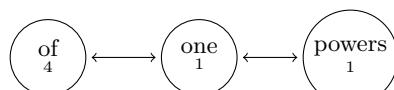
37.21.1 Séparation



37.21.2 Fusion

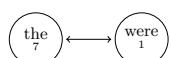
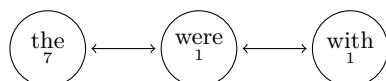


37.21.3 Fusion



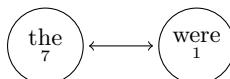
37.22 Lancement d'une étape

37.22.1 Séparation

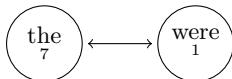


37.23 Lancement d'une étape

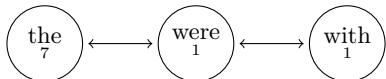
37.23.1 Séparation



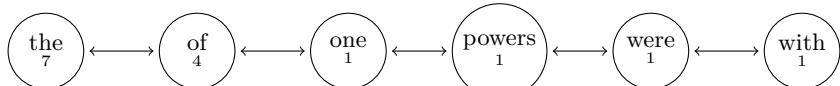
37.23.2 Fusion



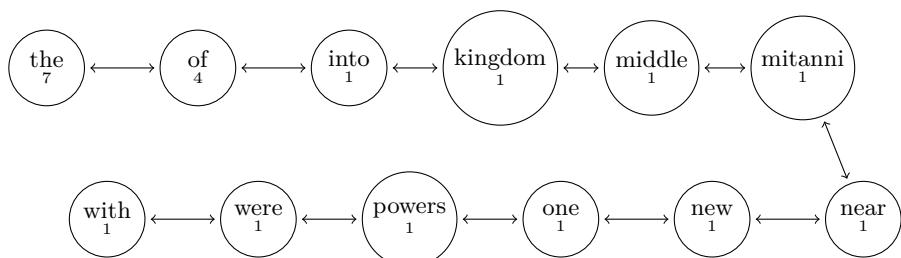
37.23.3 Fusion



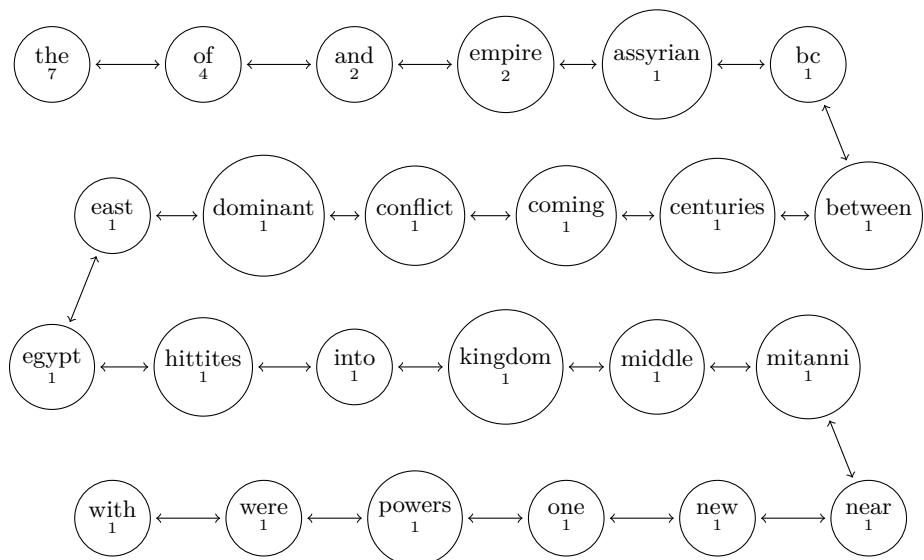
37.23.4 Fusion



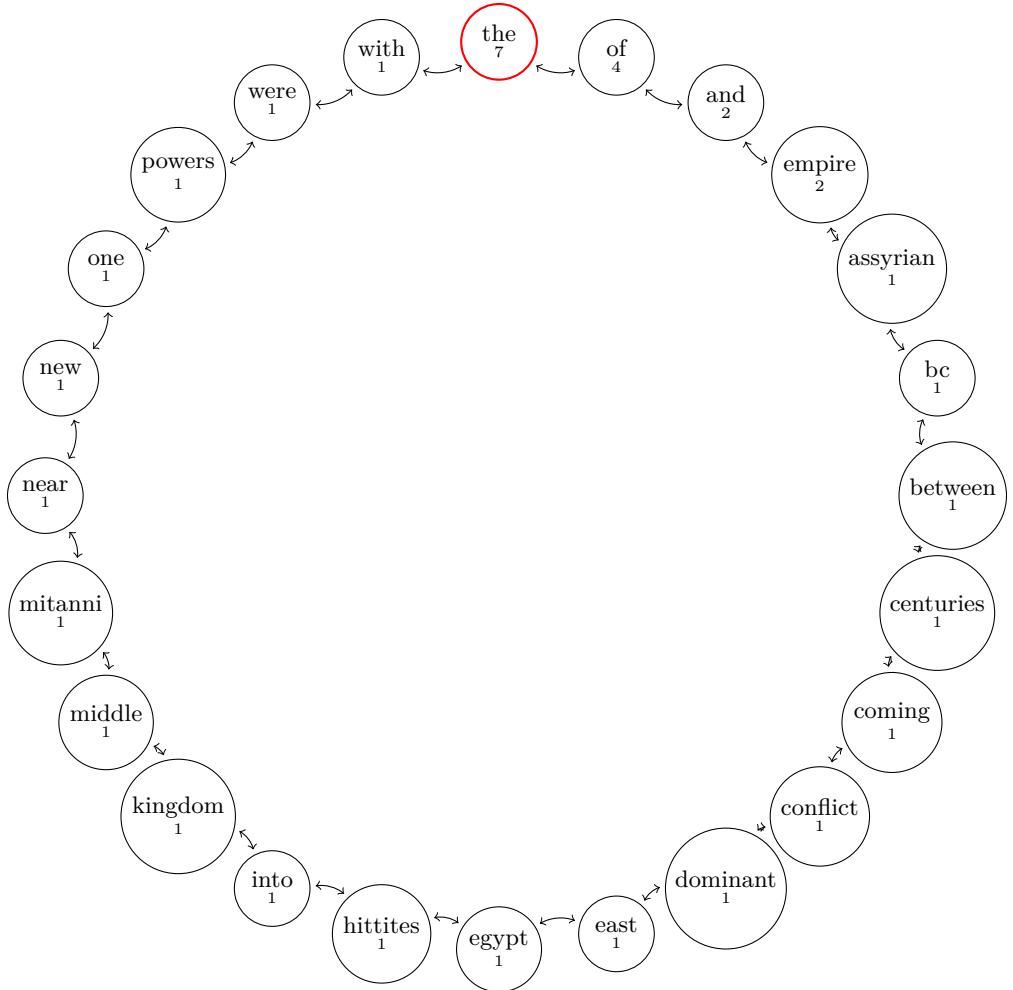
37.23.5 Fusion



37.23.6 Fusion



38 Résultat Final recircularisé



39 Statistiques d'exécution

- Mémoire totale allouée : 919 octets
- Mémoire totale désallouée : 0 octets
- Pic d'allocations : 1727 octets
- Nombre de mots distincts : 0 mots
- Nombre de mots traités : 35 mots
- Temps d'exécution : 0.002059 secondes
 - *NB : Performances dégradée par la génération du visuel et les affichages l'accompagnant.*