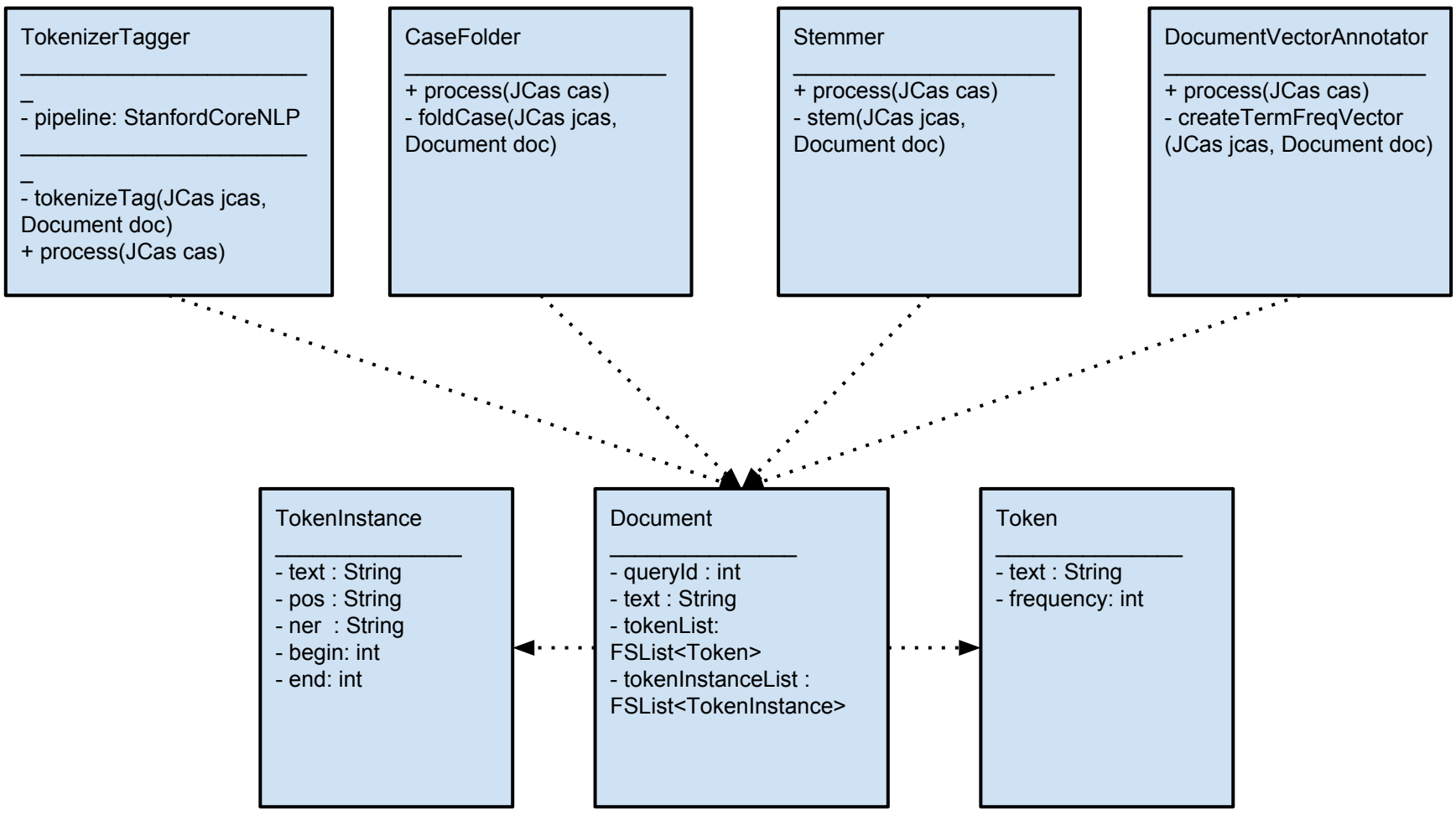
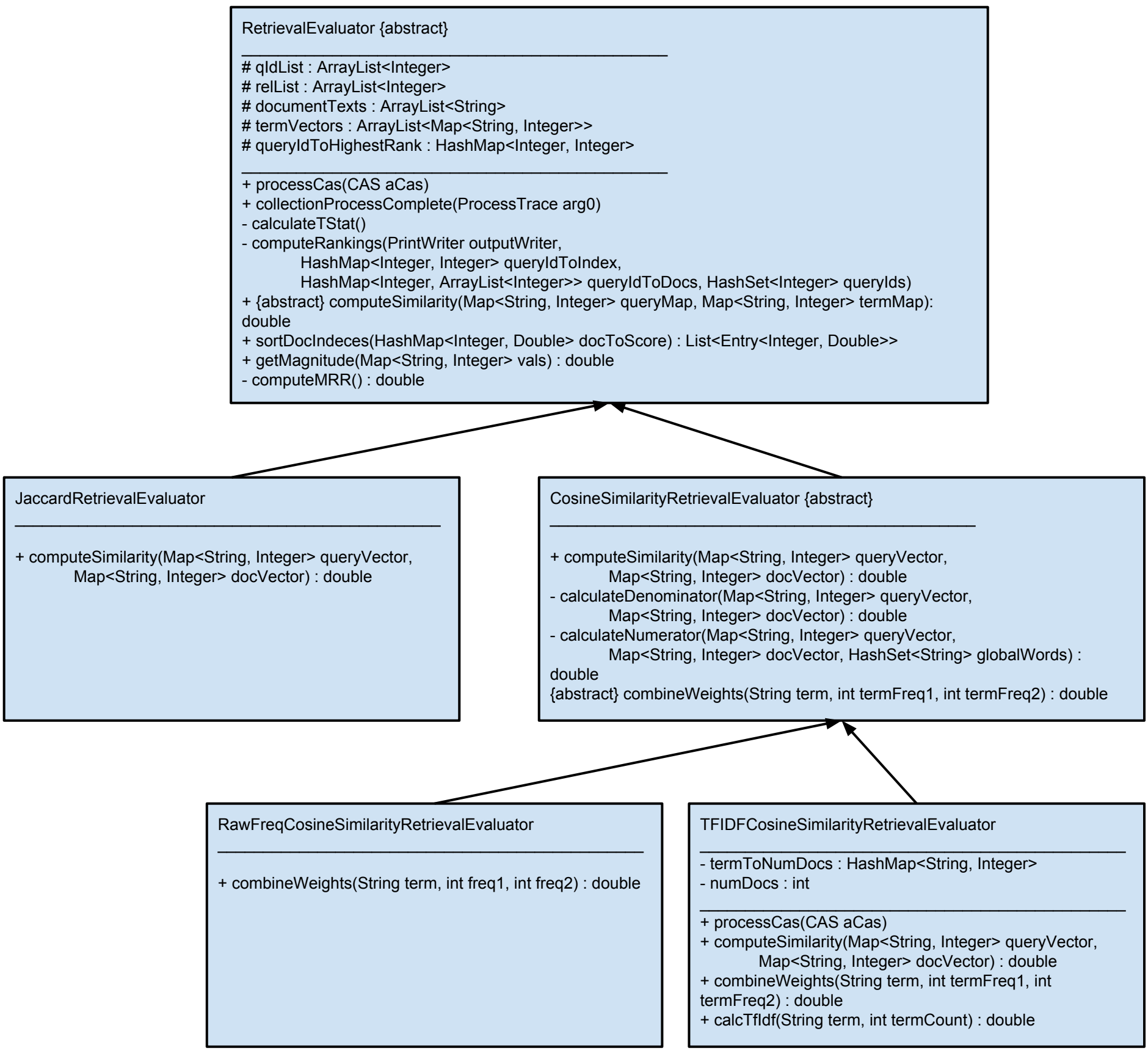
Preprocessing



Ranking