



Course Overview



View Discussion

Chapter 2: User-Facing Backend

Ticket: Faceted Search

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Here's a possible implementation for the `getMoviesCastFaceted` method:

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```
public List<Document> getMoviesCastFaceted(int limit, int skip,
String... cast) {
    List<Document> movies = new ArrayList<>();
    String sortKey = "tomatoes.viewer.numReviews";
    Bson skipStage = Aggregates.skip(skip);
    Bson matchStage = Aggregates.match(Filters.in("cast", cast));
    Bson sortStage = Aggregates.sort(Sorts.descending(sortKey));
    Bson limitStage = Aggregates.limit(limit);
    Bson facetStage = buildFacetStage();
    // Using a LinkedList to ensure insertion order
    List<Bson> pipeline = new LinkedList<>();

    pipeline.add(matchStage);
    pipeline.add(sortStage);
    pipeline.add(skipStage);
    pipeline.add(limitStage);
    pipeline.add(facetStage);

    moviesCollection.aggregate(pipeline).iterator().forEachRemaining(
movies::add);
    return movies;
}
```

Proceed to next section