SPARQL worksheet

URIs of actors
 	
``
SELECT ?s WHERE {
   ?s rdf:type movie:actor .
}
``
	Actor names & the films they starred in
	
	``
	SELECT ?s ?aname ?film ?mname WHERE {
	   ?actor rdf:type movie:actor ;
	      movie:actor_name ?aname ;
	      movie:performance ?perf .
	   ?film movie:performance ?perf ;
	         rdf:type movie:film ;
	          rdfs:label ?mname .
	} LIMIT 100
	``

URIs of actors who are (aren't) directors
 	
``
SELECT ?sn WHERE {
   ?s rdf:type movie:actor .
   ?r rdf:type movie:director .
   ?s movie:actor_name ?sn .
   ?r movie:director_name ?sn .
}
 	
SELECT ?sn WHERE {
   ?s rdf:type movie:actor ;
       movie:actor_name ?sn .
FILTER NOT EXISTS {
   ?r rdf:type movie:director ;
       movie:director_name ?sn .
   }
}
``
	Actors in multiple films with the same director
	
	``
	SELECT ?s ?dir (GROUP_CONCAT(?perf) as
	?films) WHERE {
	    ?actor rdf:type movie:actor ;
	       movie:actor_name ?name ;
	       movie:performance ?perf .
	    ?film movie:performance ?perf ;
	       rdf:type movie:film ;
	       rdfs:label ?mname ;
	       movie:director ?dir .
	   }
	   GROUP BY ?s ?dir
	   HAVING (COUNT(?perf) > 1)
	``

Films ordered by number of actors in the film
 	
``
SELECT ?film (MIN(?name))
(COUNT(?actor) as ?actors)
WHERE {
    ?film movie:actor ?actor ;
        rdf:type movie:film ;
        rdfs:label ?name .
}
GROUP BY ?film
ORDER BY desc(?actors)
LIMIT 100
``
	Film names with names of their actors, producers, directors, editors, writers
	
	``
	SELECT ?film (MIN(?name))
	(GROUP_CONCAT(?pname))
	WHERE {
	    ?film rdf:type movie:film ;
	        rdfs:label ?name ;
	        (movie:actor |
	movie:producer | movie:director |
	movie:editor | movie:writer) /
	rdfs:label ?pname
	}
	GROUP BY ?film
	LIMIT 100
	``