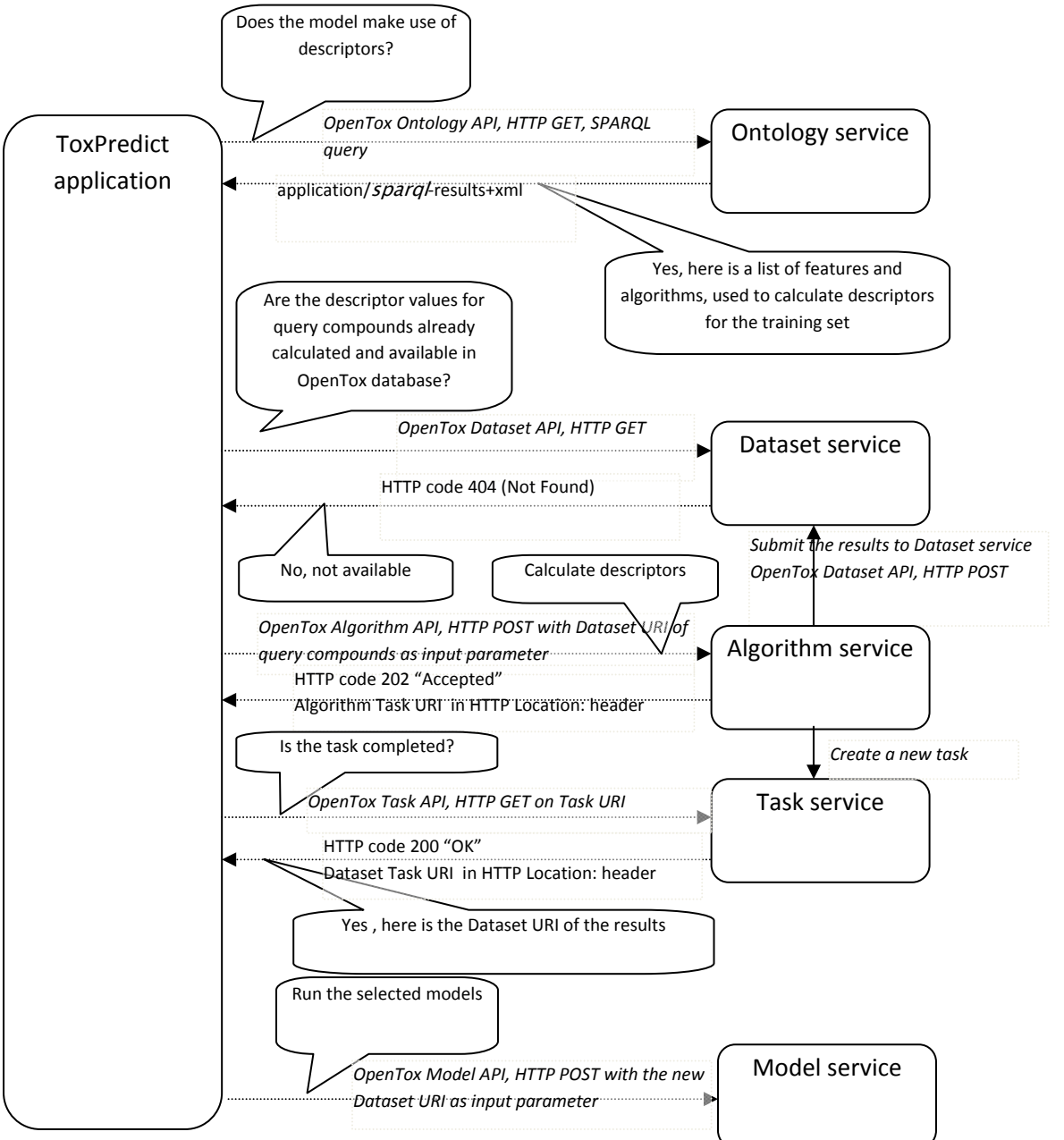
Does the model make use of descriptors?
ToxPredict application
OpenTox Ontology API, HTTP GET, SPARQL query
Ontology service
application/sparql-results+xml
Yes, here is a list of features and algorithms, used to calculate descriptors for the training set
Are the descriptor values for query compounds already calculated and available in OpenTox database?
OpenTox Dataset API, HTTP GET
Dataset service
HTTP code 404 (Not Found)
No, not available
Calculate descriptors
Submit the results to Dataset service
OpenTox Dataset API, HTTP POST
OpenTox Algorithm API, HTTP POST with Dataset URI of query compounds as input parameter
Algorithm service
HTTP code 202 "Accepted"
Algorithm Task URI in HTTP Location: header
Is the task completed?
Create a new task
OpenTox Task API, HTTP GET on Task URI
Task service
HTTP code 200 "OK"
Dataset Task URI in HTTP Location: header
Yes , here is the Dataset URI of the results
Run the selected models
OpenTox Model API, HTTP POST with the new Dataset URI as input parameter
Model service