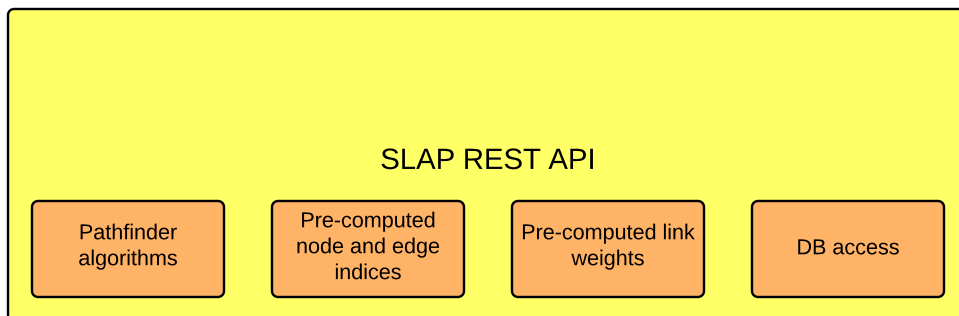


SLAP REST API detail



- Served by Apache HTTPD via mod_python (for speed, "SetHandler cgi-script" should also work)
- Installed at /var/www/html/rest/Chem2Bio2RDF/slap
- .htaccess key lines:
 - SetHandler mod_python
 - PythonHandler prediction1
- Note that use of .htaccess reduces performance.
- See also: /etc/httpd/conf.d/python.conf (mod_python config).
- prediction1.py imports SLAP codes: odbc6, ppDrugTargetPrediction1, ppPairPrediction2, pathfinder_rank5
- Python packages: pp, pycopg2, xml.dom.minidom, SOAPpy, SPARQLWrapper
- odbc6.py contains SQL to access Chem2Bio2RDF DB.
- Example URIs:
 - /rest/Chem2Bio2RDF/slap/5591:PPARG

Path-Pattern finding, weighting, statistics (batch pre-processing, not runtime)

- Also from cheminfov:/var/www/html/rest/Chem2Bio2RDF/slap.
- pathfinder_m.py
- pathfinder_rank5.py (runs findPath_m)
- findPath_m (compiled binary, no source)
- pathfinder_m (copy of findPath_m, same checksum)
- pathfinder_rank_advanced.py (experimental?)
- Note that pathfinder_m.py 2010, pathfinder_rank5.py 2011, newer version.
- pathfinder_rank5.py requires subdir "Dicts" files:
 - node2id.txt
 - pair_weight.txt
 - pattern_distribution.txt
- Some files and components may be needed to generate dict files:
 - PreProcess?
 - Virtuoso?