ABSTRACT: Building on our initial work on SAWSLD-MX, in this paper we extended the hybrid matchmaker by a structural approach utilizing the WSDL Analyzer tool, which performs structural, string-based and lexical comparison of WSDL 1.1 service descriptions and aims at supporting semi-automated Web service integration. A variant for aggregating results of different matching approaches using Support Vector Machines is presented. We report on the preliminary results of our performance evaluation of proposed aggregated SAWSDL matching vairants over the test collection SAWSDL-TC 1.