SWI-Prolog SGML/XML parser

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1 Introduction

Markup languages have recently regained popularity for two reasons. One is document exchange, which is largely based on HTML, an instance of SGML and the other is for data-exchange between programs, which is often based on XML, which can be considered simplified and rationalised version of SGML.

James Clark's SP parser is a exible SGML and XML parser. Unfortunately it has some drawbacks. It is very big, not very fast, cannot work under event-driven input and is generally

When processed in this mode, the spaces between the three modi ed words are lost. This mode is, unlike the two others, not part of the XML standard.

Consider adjecent bold and <it>i talic</it> words.

3.3 XML documents

The parser can operate in two modes: sgml mode and xml mode, as de ned by the di al ect(Dialect) option. Regardless of this option, if the rst line of the document reads as below, the parser is switched automatically into XML 0

3.4 DTD-Handling

3.6.1 Partial Parsing

but loading takes 85 seconds on a Pentium-II 450 and the resulting term requires about 70MB

| entities can only be loaded from a | le and the mapping between the entity names and the | le |
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