According to the Petr Kuba, to adapt OR-FP for mining in XML data we preserve basic principles of the algorithm and modify only the input interface. To map XML data to our system we can use the following mapping: XML elements can be processed similarly to the objects in object-oriented data. The name of element corresponds to the class and the attributes of
element correspond to the attributes of object. The content of the element (text nodes and elements) can be stored in a special attribute of the object. The type of this attribute should be a set or list – depending on whether we want to deal with an order of nodes. Some specifications (XPointer, XLink) add one more interesting feature to XML data – they allow us to use references to another documents or elements. We can represent this relation as simply as object references. Our proposal is to mining frequent pattern in collection of XML documents.

Reference


Index Terms

Computer Science Knowledge Discovery
Key words

Object oriented data mining
OR-FP