

---

# XLog – a language of HTML and XML documents processing

© S.S. Magazov, D.O. Chugunov

Bauman Moscow State Technical University, Moscow, 105005, Russia

*This paper presents the declarative language XLog, which is designed for the development of intelligent Internet information processing systems. The paper contains syntax and semantics of the basic language constructions and examples. We give a brief description of the architecture of the interpreter.*

**Keywords:** *declarative language, XML/HTML-document, word processing, Internet, interpreter.*

**Magazov S.S.** (b. 1954), Ph.D., Assoc. Professor of the Computer Science and Technologies Department of Bauman Moscow State Technical University. Author of 40 publications and 3 monographs. Specializes in the fields of digital signal processing and artificial intelligence. e-mail: 2006mag@mail.ru

**Chugunov D.O.**, student of the Computer Science and Technologies Department of Bauman Moscow State Technical University. Specializes in the fields of compiler construction and NoSQL databases. e-mail: d.chugunov11@mail.ru