

# SEARCH WITH KNOWLEDGE GRAPH

KNOWLEDGE GRAPH SEARCH IS A KNOWLEDGE BASE USED TO ENHANCE THE SEARCH ENGINE'S SEARCH RESULTS WITH SEMANTIC-SEARCH AND FUZZY MATCHING INFORMATION GATHERED FROM A WIDE VARIETY OF SOURCES.

AT FPT SOFTWARE WE HAVE SUCCESSFULLY BUILT A KNOWLEDGE GRAPH SEARCH FOR DIGITAL CONTENTS.

THE SEARCH FOR MOVIES AND TV PROGRAMS BASED ON:  
- ENTITIES SUCH AS: TITLE, ACTOR NAME, DIRECTOR NAME, SPORT TEAM, BRIEF DESCRIPTION, KEYWORDS, ETC.  
- ANY COMBINATION OF ABOVE ENTITIES.



## KEYWORD EXTRACTION

*AUTOMATIC IDENTIFICATION OF TERMS THAT BEST DESCRIBE THE SEARCH SUBJECT.*



## POPULARITY CALCULATION

*EVALUATES THE POPULARITY OF THE SEARCH RESULTS*



## GRAPH ENRICHMENT

*STRONG VISUALIZED GRAPH OF LINKED KEYWORDS*

**NAMED-ENTITY RECOGNITION**  
*SEEKS TO LOCATE AND CLASSIFY NAMED ENTITIES IN TEXT INTO PRE-DEFINED CATEGORIES.*



**SPELLING CORRECTION**  
*IDENTIFY THE MOST COMMON MISSPELLS AND RECOMMEND THE MOST "COMMON" CORRECTIONS.*



**FUZZY MATCHING**  
*PROVIDES AN IMPROVED ABILITY TO PROCESS WORD-BASED MATCHING QUERIES TO FIND MATCHING PHRASES OR SENTENCES.*

