
DataGrammar – Environments and Advantages

DataGrammar allows any application to understand the user's language, especially if the application handles text, for example search engines.

Integration environments

It can be integrated with any application that needs to handle texts in an intelligent way. Some of the typical environments are:

- Search Engines (indexing and information retrieval systems)
- Content Management System
- Knowledge Management Applications
- Content Management Applications
- Document Classification Systems
- Virtual assistants and CRM

In these environments, *DataGrammar* is a complement for these applications, not an alternative one.

DataGrammar's advantages

It allows the user:

- **To interact with the application naturally, using his/her own language**

For example, in a search engine *DataGrammar* allows the user to query in his/her own language, so that the search engine becomes a documentalist. *DataGrammar* allows the user to do queries to the search engine like:

I need documentation on pension plans

Give me texts about early retirement

I want information about them parks but not those from Disney.

As a result, the user does not need to know all the details of each application (about operators, wildcards, etc.), and, therefore, the user's productivity and the application's performance do increase.

- **Recover all the available information**

Thanks to the intelligent analysis of the query, *DataGrammar* can locate all the information the user needs (optimal recall) without retrieving irrelevant documents (noise).

For the content provider:

- **To keep a high level of customer satisfaction**

The user gets the information he/she is looking for without looking up the help or repeating variants of the initial query.

- **To obtain the maximum economic performance of the assets and contents**

It guarantees that the user exploits each fragment of information that exists on his/her text database.

- **Controlling the linguistic quality of your contents**

It allows verifying the spelling of the text database. This represents the first step of the information quality assurance process.

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