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## DataGrammar – Environments and Advantages

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

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### 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.

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### *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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