Bull

Making AI useful long before the modern AI wave

From the early 1980s, Bull explored how computers could reason, assist experts, and solve complex problems through pioneering projects.

1981

Pioneering AI with logic programming

By leveraging **Prolog** programming language developed in 1972 to process natural language, Bull computers can now deduce answers rather than simply execute rules.

1984

Symbolic AI processor

Bull launches **SCHUSS Filter**, a specialised processor for non-numerical and symbolic data designed to offload search and reasoning tasks from the main CPU.

1985

Natural language interfaces

Using **Prolog II-based grammar**, Alice Recoque leads the Bull "AI mission" team to enable computers to understand natural language queries in French.

1988

Intelligent application builder

Bull's "AI mission" team works on **KOOL**, a rule-based business application language supporting diagnosis, decision-making and expert workflows.

1989

Automating complex industrial planning

The industrial tool **CHARME** is launched to automatically solve complex planning and to optimise schedules and logistics.

Today

New era with AI supercomputing

Bull name returns, to accelerate next-generation Advanced Computing & AI innovations and drive strategic projects such as Alice Recoque supercomputer.

Sources

Histoire de l'intelligence artificielle chez Bull de 1981 à 1996, Jean Rohmer (2018)

The Schuss Filter: A Processor for Non-Numerical Data Processing, Rubén González-Rubio and Jean Rohmer (1984)

Combining objects and planning paradigms for human skeleton animation, Abder Koukam and Hakim Fourar (1998)

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