LEXISTEMS Releases the X-Act.ai API®
for Meaning-based
Data Querying, Matching and Processing

LAVAL, France -- LEXISTEMS, a leader in meaning-based data processing solutions, today announced that the X-Act.ai® API is now commercially available for indistinct English and French data querying, matching and processing by meaning. Spanish is in beta.

When was the last time you used your favorite search engine or digital assistant? And when was the last time they got you frustrated with the results they yield, either inexistent, inaccurate or just plain wrong? That is the *raison d'être* of the X-Act.ai® API - the first general purpose incarnation of LEXISTEMS' meaning-based data processing technologies - and that is why its commercial availability is such a good news for both individuals and organizations.

The problem with real life business or public data is that it is diverse, heterogeneous, proteiform, partial and sometimes falsy. Exactly the contrary of what it takes for today's digital systems or devices - however powerful - to satisfyingly answer conceptual or just moderately complex questions. Add to that the fact that parts of what makes up an actionable information are often scattered in different locations, structured inconsistently, sometimes available in different languages only... and you have a data processing nightmare.

The culprit? Keywords. Keywords do good when you try to locate a word or a name inside a page but that's about it. In essence, keywords are just sequences of signs (letters or digits) assembled in a certain order. Although language-dependent by nature, they do not carry any sense. They're just a pattern that today's software will recognize and return if and only if they encounter an exact match in the target data assets. We, as human beings, deserve better. There's a lot of data, information and knowledge available to us, but how do we get it when our applications won't undestand what we *mean*?

Enter LEXISTEMS' X-Act.ai®, an API (Application Programming Interface) that, with just a few lines of code, gives any application the ability to fetch, connect, extract and otherwise process data by meaning, just like we humans do every day in our personal and professional lives. It is the next evolution of our digital civilization and LEXISTEMS makes it happen today.

"*Given the extent of the promise, given its truly disruptive character, X-Act.ai may sound pretty hard to sell...*" said Marie Granier, LEXISTEMS CEO and Co-founder. "*But it only takes a few minutes to show any audience, whatever their data-science literacy, what a difference an X-Act.ai powered app makes compared to keywords- or intents+entities-based systems. What we do is set up two screens or phones side by side, one with any famous application or search engine that people use on a daily basis and the other one with the equivalent X-Act.ai-based "mockup". And we let people play with both, we let them ask both the same questions, their own questions, whatever the topic, general of professional. Usually, the feedback is quite warm! End users are excited by the possibilities, executives see the potential value and profits to get out of it...*"

Until now, parts of the Artificial intelligence and Natural Language Processing technologies that compose the X-Act.ai® API have been used for different purposes in the data or IT departments of several global companies. Use cases include a customer facing web app capable of answering legal questions on a wide variety of matters (civil, injury, insurance, commercial...), an intranet system to extract data from heterogeneous sources to produce compound insights for the optimization of financial services, an expert system to determine medical alert cases from patient files and responses to follow-up applications... In one other case, some of the technologies included in the X-Act.ai® APi are used to allow set-top boxes users to ask questions to their TV, via the remote's microphone or keypad, about the topic of the on-going program - a documentary for instance during which viewers would like to know more about what is shown or said.

"*Now the availability of our technologies in a single, general purpose packaged and fully extensible API will significantly broaden their reach*" said Frédéric Milliot, LEXISTEMS' CTO and other Co-founder. "*For simple business needs like efficient data querying, for industrializing heterogeneous knowledge analysis or for more complex cases like matching data available in different languages, X-Act.ai delivers. It is simple to add to any Web, mobile, VR/AR, IoT or kiosk application, it scales at will in volume and functionality, it can be consumed* à la carte *and it is very, very secure. As a developer I must say that it is not absolutely perfect, there is still room for improvement and work at our labs for the years to come - it's kind of the last mile to perfection - but the level of performance is considerably higher and the results disruptively better than with the tools we all use today.*"

LEXISTEMS' X-Act.ai® API is currently operational on text, numeric, mathematic and geographic data (structured or not), in English and French (distinct or not). The additional support of Spanish is scheduled for announcement at the end of 2017. Portuguese / Brazilian should be available during Q2 2018.

Although volume independent, pricing is a function of several applicative, security and infrastructure prerequisites. It includes an initial deployment fee, a quartely subscription and additional options for *e.g.* several levels of monitoring and data aggregation (public and/or private). General-purpose pricing plans for using the API in SaaS mode from LEXISTEMS clusters (in datacenters under different national jurisdictions) will also be announced before the end of 2017.

LEXISTEMS plans on offering the X-Act.ai® API and full support services to several selected, data-intensive NGOs in Europe during 2018, and in the Americas during 2019.

An extensive series of demonstration videos on many aspects and possible uses of the X-Act.ai® API will be released in several video portals during Q3.

Tags: LEXISTEMS, Artificial Intelligence (AI), Natural Language Processing (NLP), Meaning-based data processing, Data science.

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About LEXISTEMS
LEXISTEMS delivers solutions for accessing and processing data by meaning. These solutions let organizations search, connect, analyze and produce information based on meaning, in natural language, in different languages. Which is 100x more powerful and pertinent than with keywords. LEXISTEMS' solutions combine state-of-the-art Artificial Intelligence, Natural Language Processing and security technologies. With just a few lines of code, they augment any application with operational intelligence, business expertise and natural language ease of use. For LEXISTEMS customers, data assets and applications of any size and complexity become profit centers with measurable ROI. Learn more at https://lexistems.com.

LEXISTEMS Media Contact:
Elsa Mayer
+33 (0) 608 029 688
elsa.mayer@lexistems.com