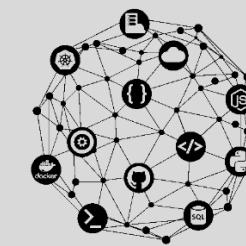


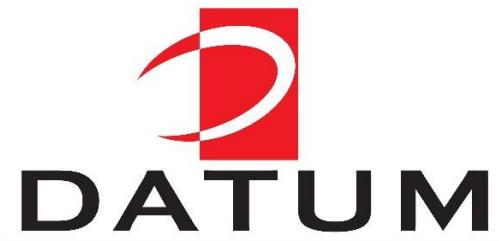
Desarrollo de serverless apps usando Azure Cognitive Services

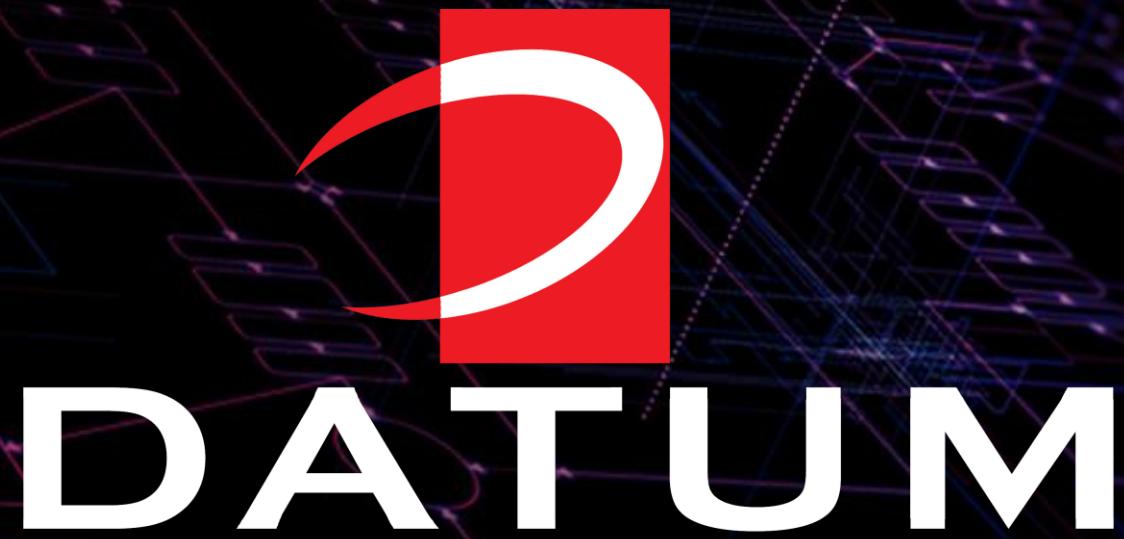
Rafael Cordon – rcordon@datum.com.gt; Twitter: @Rafa_Cordon
Mauro Jutzutz – mjutzutz@datum.com.gt

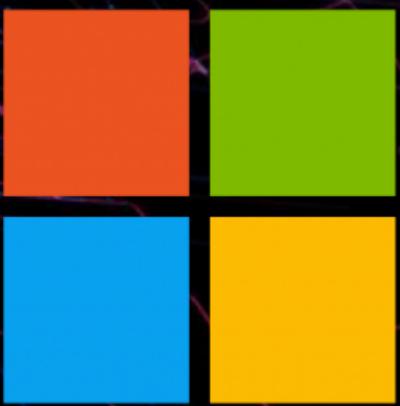


SQL.Connect()
[Code].{Build}.Connect();

Gracias a nuestros patrocinadores







Microsoft
Cloud Solution Provider

El que
construye
cambia el
mundo.

Serverless



DOCUMENT
QUERY

Rafael Cordon



Me encanta construir cosas.

- Gerente de Consultoría // Datum
- Co-fundador // Decentralized Technologies [d/t]
- Creador // code REVISTA

rcordon@datum.com.gt

“Empoderar al individuo”

Búsqueda inteligente
de documentos

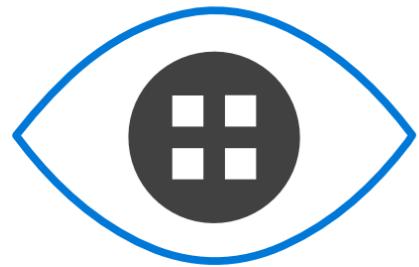
1. ¿Qué es la cognición?
2. ¿Cómo buscamos en el mundo digital?
3. Inteligencia artificial aplicada a la búsqueda
4. Document Query

¿Qué es la cognición?

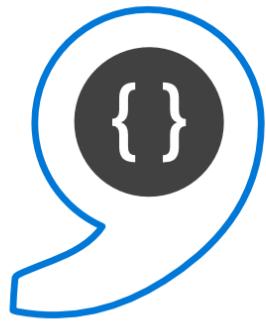


“La cognición es la facultad de un ser vivo para procesar información a partir de la percepción, la experiencia y características subjetivas que permiten valorar la información.”

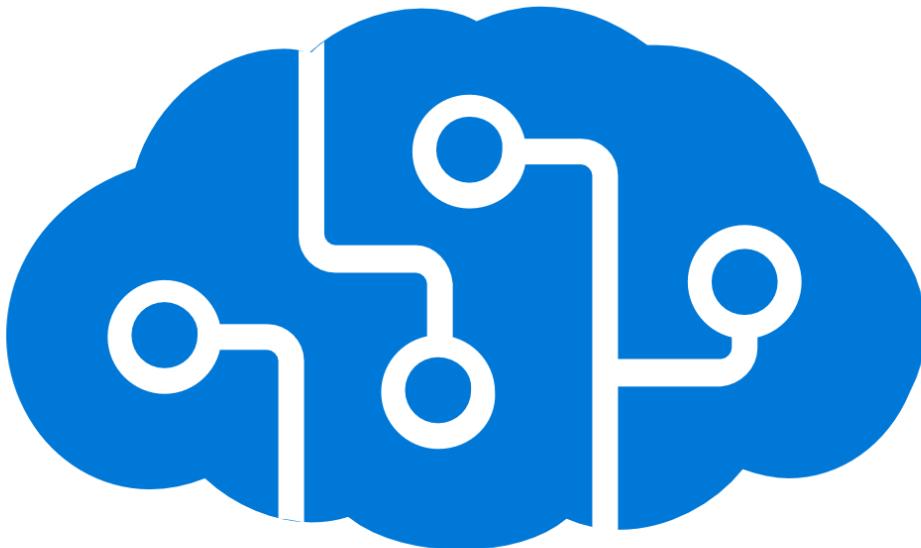
- Wikipedia



Vision



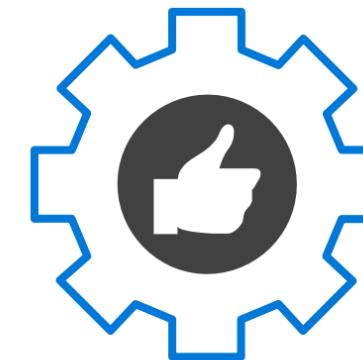
Language



Microsoft Azure Cognitive Services



Speech



Knowledge

<https://azure.microsoft.com/en-us/services/cognitive-services/>

¿Cómo buscamos
documentos físicos?

ВАОРус-Рус-3-ПРОЧЕЗД
НИЯ РУССКОЙ ЛИТЕРАТУРЫ
20 к.

9-10

177

179

178

ВАОРус-Рус-3-ПРОЧЕЗД
НИЯ РУССКОЙ ЛИТЕРАТУРЫ
20 к.
Н. С.

182

183

185

Ahora hay herramientas
poderosas para buscar

Google



DuckDuckGo[®]

bing

¿Cómo buscamos en
nuestra vida diaria?

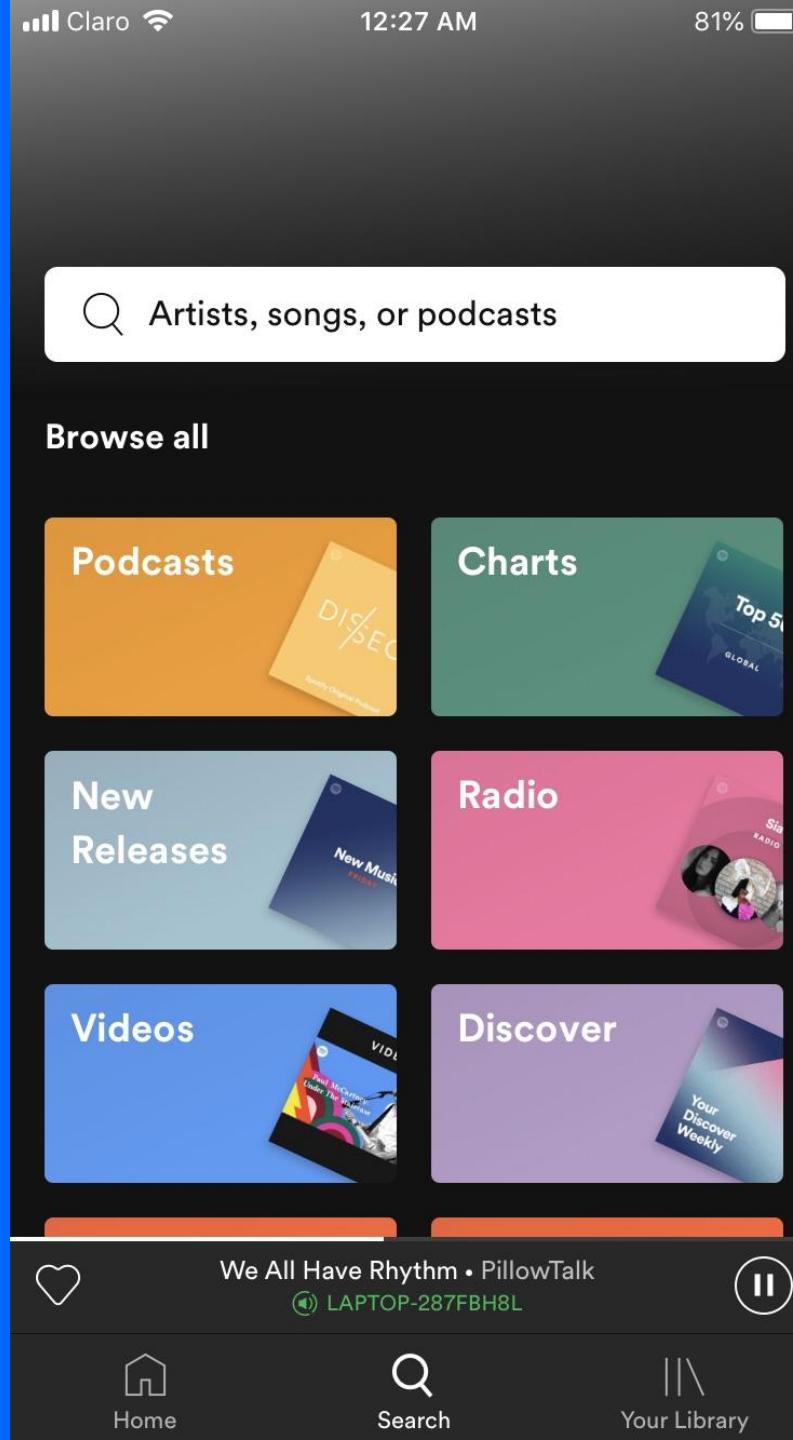
Buscamos en nuestra computadora



O Ask me anything



Buscamos un podcast para escuchar en el tráfico



Buscamos una dirección

Claro 12:43 AM 77%

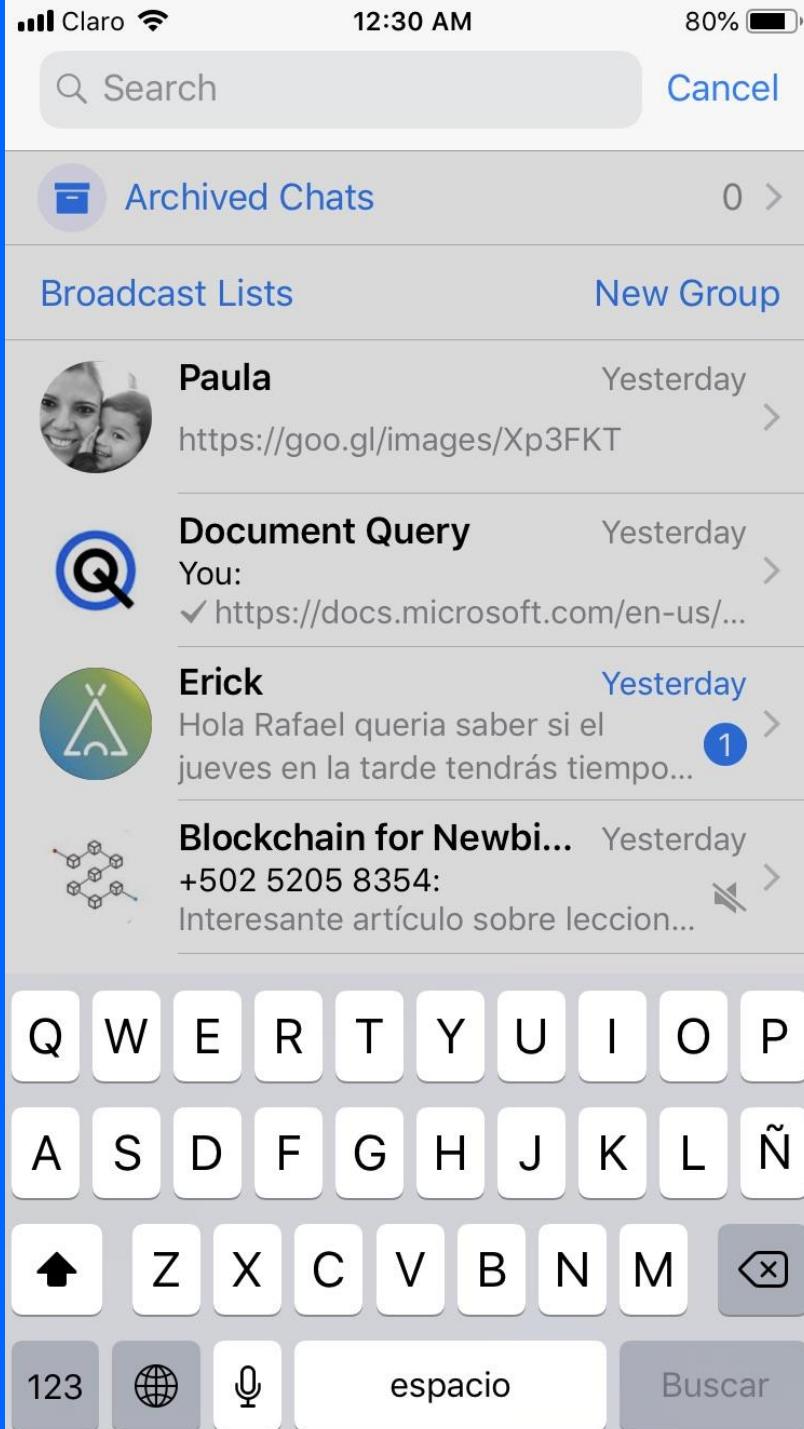
Around You

10, Guatemala
Zona 16, Guatemala
15, Guatemala

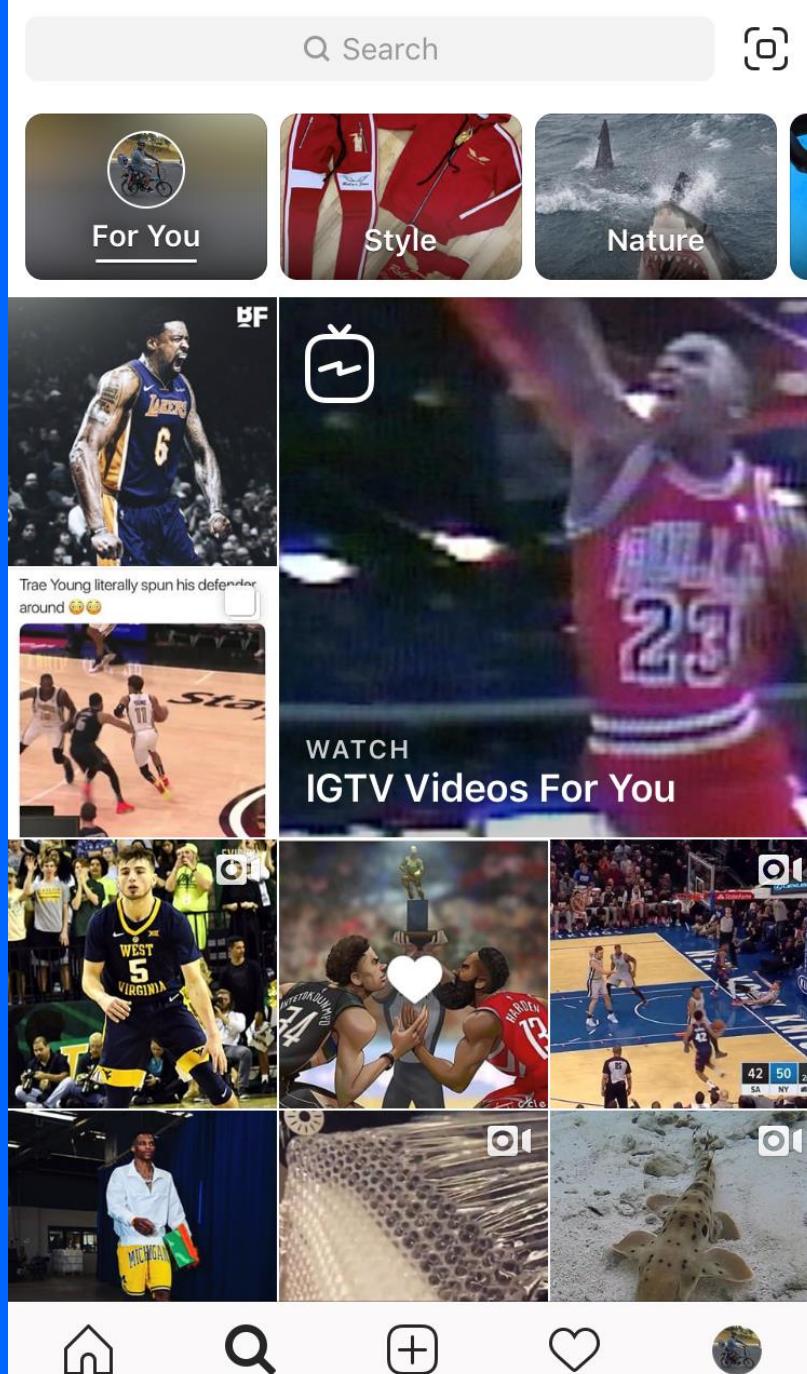
Edificio Interamericas World Financial Center 6-50 Diagonal 6, Zona 10, Guatemala	2.6 km away
Edificio INTERAMERICAS 11 CALLE 11a Calle, Zona 10, Guatemala	2.6 km away
Estacionamiento, Edificio O Zona 16, Guatemala	1.8 km away
Edificio El Parque 0342 21 Avenida A, Vista Hermosa I, Zona 15,	2.6 km away

Search Results | Places

Buscamos una conversación



Buscamos un video





Explore titles related to: Stan Lee's Universe | Manzotti: Excelsior

Buscamos una película

Titles in: Stan Lee's Universe



Nuestra vida digital es
una búsqueda constante.

Inteligencia artificial
aplicada a la búsqueda

and may be served by depositing such notice in the mail or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive
Burbank, California

To Employer: 500 South Buena Vista Street
Burbank, California

or at such other address as either party may advise the other in writing.

Any such notice by mail or telegram shall be deemed to have been given at the time of dispatch.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

Robert Stevenson
ROBERT E. STEVENSON

"EMPLOYEE"

WALT DISNEY PRODUCTIONS

By Walt Disney
President

"EMPLOYER"

Accepted:

Walter E. Disney
Walter E. Disney

WED ENTERPRISES, INC.

By William A. Lotzell
President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee.

Ursula Stevenson
Ursula Stevenson

OCR :
Optical
Character
Recognition

and may be served by depositing such notice in the mail or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive
Burbank, California

To Employer: 500 South Buena Vista Street
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Robert Stevenson
ROBERT E. STEVENSON

"EMPLOYEE"

WALT DISNEY PRODUCTIONS

By *Roy O. Disney*
President

"EMPLOYER"

Accepted:

Walter E. Disney
Walter E. Disney

WED ENTERPRISES, INC.

By *William H. Gottschall*
President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee.

Ursula Stevenson
Ursula Stevenson

And may be served by, depositing such notice in the email or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive Burbank, California
To Employer: 500 South Buena Vista Street Burbank, California

Or to such other address as either party may advise the other in writing.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

ROBERT E. STEVENSON
"EMPLOYEE"

WALT DISNEY PRODUCTIONS
By President
"EMPLOYER"

Accepted
Walter E. Disney

WED ENTERPRISES, INC.
By President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee Ursula Stevenson
8/11/64cbs -17-

and may be served by depositing such notice in the mail or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive
Burbank, California

To Employer: 500 South Buena Vista Street
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Robert Stevenson
ROBERT E. STEVENSON

"EMPLOYEE"

WALT DISNEY PRODUCTIONS

By Walt Disney
President

"EMPLOYER"

Accepted:

Walter E. Disney
Walter E. Disney

WED ENTERPRISES, INC.

By William A. Lotzell
President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee.

Ursula Stevenson
Ursula Stevenson

Reconocimiento de entidades

and may be served by depositing such notice in the mail or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive
Burbank, California

To Employer: 500 South Buena Vista Street
Burbank, California

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

Robert Stevenson
ROBERT E. STEVENSON

"EMPLOYEE"

WALT DISNEY PRODUCTIONS

By *Roy O. Disney*
President

"EMPLOYER"

Accepted:

Walter E. Disney
Walter E. Disney

WED ENTERPRISES, INC.

By *William H. Lotze*
President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee.

Ursula Stevenson
Ursula Stevenson

Personas:

- ROBERT E. STEVENSON
- Walter E. Disney
- Ursula Stevenson

Lugares:

- 530 Gaylord Drive
Burbank, California
- 500 South Buena Vista
Street Burbank,
California

Organizaciones:

- WALT DISNEY PRODUCTIONS
- WED ENTERPRISES, INC.

and may be served by depositing such notice in the mail or by dispatching a telegram, addressed to the party to be served as follows:

To Employee: 530 Gaylord Drive
Burbank, California

To Employer: 500 South Buena Vista Street
Burbank, California

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Robert Stevenson
ROBERT E. STEVENSON

"EMPLOYEE"

WALT DISNEY PRODUCTIONS

By Walt Disney
President

"EMPLOYER"

Accepted:

Walter E. Disney
Walter E. Disney

WED ENTERPRISES, INC.

By William H. Lotzell
President

The undersigned, as the wife of Employee, hereby consents to the execution of this Agreement by Employee.

Ursula Stevenson
Ursula Stevenson

Indexación de motores de búsqueda



“El indexado de motores de búsqueda reúne, analiza gramáticamente y almacena data para facilitar la consulta rápida y precisa de información.”

- Wikipedia



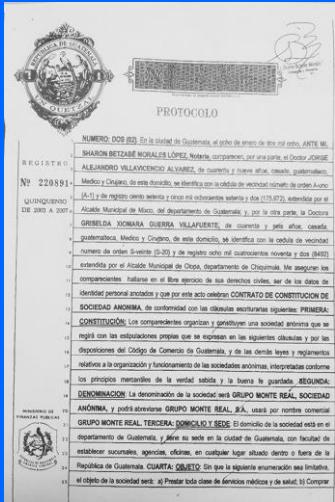
“El diseño de indexación incorpora conceptos interdisciplinarios como lingüística, psicología cognitiva, matemática, informática y ciencias de la computación.”

- Wikipedia



Flujo de documentos

Guardar documentos



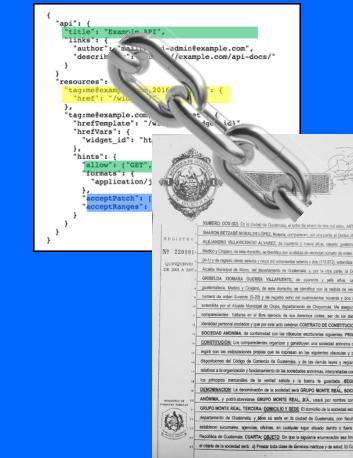
Document cracking



Habilidades cognitivas



Documentos enriquecidos



Indexación



Pdf's, 
imágenes,
scans, 
Word, etc.

Extracción de texto

Extracción de entidades, extracción de metadata específica

Documento original + información adicional extraída

Demo

hello@documentquery.com

