





















































			33							
Uniform interface (I)										
 Every API uses the same methods with the same meanings Without a uniform interface, clients have to learn how each API is expected to get and send information ROA uses uniform interface provided by HTTP to act over the resource provided in the URI 										
	Method	Description								
	GET	Returns the resource representation								
	PUT	Changes the state of the resource								
		Creates a new resource when the URL is known								
	POST	Create subordinate resources (no URL known beforehand)								
		Appends information to the current resource state								
	DELETE	Removes a resource from the server								
Iván Sáno	chez Milara	Programmable Web Project. Spring 2019.								





only GET and POST supported in HTML • Rest of HTTP methods supported through Javascript



































Developer Use cases Products Docs	More			Apply	Apps Q 😨			
Get Tweet timelines	GE1 statuses/mentions_timeline							
Curate a collection of Tweets								
Optimize Tweets with Cards	GET statuses/home_timeline							
Fiber realtime Tweets	Returns a collection of the most recent Tweets and Retweets posted by the authenticating user and the users they follow. The home timeline is central to how most users							
Sample realtime Tweets	Up to 800 Tweets are obtainable on the P	ome timelini	a. It is more volatile for users that follow many users or follow users who Tweet frequently.					
Get batch historical Tweets	See Working with Timelines for instructio	See Working with Timelines for instructions on traversing timelines efficiently.						
Rules and filtering	Resource URL							
Lata encoments Tweet objects	https://api.twitter.com/1.1/s	atuses/ho	me_timeline.json					
Tweet compliance	Resource Information							
Timeet updates	Province formation	12041						
Direct Messages	Peoples a theritation?	JOUN Ves luses s	Adam basha					
Media	Bate limited?	Yes	united only					
Trends	Requests / 15-min window luser auth)	15						
Geo	Demonsterne							
Ads	Parameters							
Metrics	Name	Required	Description	Default E	xample			
Publisher tools & SDKs	count.	retional	Spacifies the number of seconds to retrieve. Must be less then or equal to 200. Defaults to	vaue				
Twitter for Websites		-poor as	20. The value of court is best thought of as a limit to the number of tweets to return because and the solution of the solutio					
Developer utilities	time M	ontional	because suspension or orrested currents is removed after the count has been appress. Before second with an ID center than that is, more recent than the specified ID. There		2145			
API reference index		epoten.	are limits to the number of Tweets which can be accessed through the API. If the limit of Tweets has occured since the since_id, the since_id will be forced to the oldest ID monitohe					
			avanzue.		(2)1			

















	95
References	
1. "RESTful Web Services" by Leonard Richardson and Sam Ruby	
2. "RESTful Web APIs" by Leonard Richardson, Mike Amundsen and Sam Ruby	
3. "RESTful Web Services Cookbook" by Subbu Allamaraju	
4. "REST in practice. Hypermedia and Systems Architecture" by Jim Webber, Savas Parastidis and Ian Robinson.	
5.Representational State Transfer (REST), Roy Thomas Fielding. Available at <u>http://www.ics.uci.edu/~fielding/pubs/dissertation/fielding_dissertation.pdf</u>	
6. "Peer-to-Peer Systems and Applications" Ralf Stein metz Klaus Wehrle (Eds.)	
Available at http://www.springerlink.com/content/g6h805426g7t/#section=586017&page	age=1
7. ATOM http://www.ietf.org/rfc/rfc4287.txt	
8.HTTP 1.1 http://tools.ietf.org/html/rfc2616	
9.JSON <u>http://www.json.org/</u>	
	ŵ
Ivan Sanchez Milara Programmable Web Project. Spring 2019.	OULUN YLIOPISTO