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| TOPIC/TITLE  APIs | |
| Keywords/Questions  APIs  What is it  Definfition  Using API  Endpoint  Paths and parameters | Notes : |
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| Application Programming interfaces |
| It is a source where you cn used the collected data to you website. For example open weather is an API which collect weather information form all over the world and you can use this information to show on you website the weather information from where the browser user is located |
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| Set of command, functions, protocols and objects that programmer can use to create software or interact with an external system that programmers can use to create software or interact with an external system. |
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| In order to use an API you have to think about 4 parameters :   * Endpoint * Paths * Parameters * Authentification |
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| Every API that interacts with an external system like a server has an endpoint .  <https://kanye.rest/>  An endpoint is an access point to send the HTTP requests to and get your response. |
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| In addition to endpoint there are also path or parameters that you can use in order to narrow down ona specific piece of data you want from an external server. In order to illustrate parts and servers.  https://sv443.net/jokeapi/v2/ |
| Paths allows use to specify some categories of data in the example above you can chose come categories and it will be specified at the end of line of the address  https://sv443.net/jokeapi/v2/joke/Programming |
| But if you want to put an search en gine bar you can’t have created all the paths the customer will write so you have to use parameters |
| https://sv443.net/jokeapi/v2/joke/Any?contains=debugging |
| We can have different type of querry for example the one when the customer write into the search bar and other in order to avoid categories |
| https://sv443.net/jokeapi/v2/joke/Any?blacklistFlags=nsfw,political&contains=debugging |
| I order to specify a parameter we need the ? symbol in the URL. Te parameter come after a ? then set a key and an equal sign. And if we want more parameters we separate with a &. |
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