

Comparison of Semantics3 and Indix

| Semantics3 | Indix |
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| Pricing | |
| <p>prices are contractual based on use case</p> <p>estimates from rep:</p> <ul style="list-style-type: none"> \$300-400 per month, includes 5000 api calls per month and data licensing \$2000 per month for high volume (I said 6.2 million api calls) and licensing, can be reduced to \$1000 per month for just data licensing if no more api calls are needed | <p>api calls cost credits (see query results section)</p> <p>Kickstart: FREE - 5000 credits per month, no time limit</p> <p>Standard: \$495/month - 150,000 credits/month</p> <p>Enterprise: annual contract, includes customized pricing, bulk api calls, and phone support</p> |
| How does the API work? | |
| <p>REST-ful</p> <p>Libraries in: Python, Ruby, Java, Perl, PHP, Node.js, Objective-C, C#</p> | <p>REST-ful</p> <p>Libraries in: Java, Node.js, Ruby, Objective-C</p> |
| Extras | |
| <p>webhooks and notifications</p> | <p>bulk search options (requires annual contract)</p> <p>offer customized product descriptions using AI (natural language generation)</p> <p>claims to be the world's largest catalog</p> |
| Limitations and restrictions | |
| <p>max of 6 api calls per second - default</p> <p>data is licensed, not sold</p> | <p>max 60 api calls per minute, max burst rate of 2 per second</p> <p>not sure about data rights, but since there is a free option, it would seem that you can keep the data as long as you want</p> |

| Notes from Brandon | |
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| Semantics3 seems to be more well established. Documentation is very thorough. | Index seems young since documentaion is more limited and some features are in beta. It has a broad vision of what it can and will be able to do, as describe in the extras section. |
| query parameters | |
| <p>search[Beta] - any string upc/gtin/ean sem3_id url site name category id variation id</p> <p>filter by:</p> <ul style="list-style-type: none"> country price active only include variations limit - number of results active sites only fields - return only fields of interest sort <p>transition from deprecated:</p> <ul style="list-style-type: none"> sku & name - use {"url":"name/sku"} use search field for: brand, manufacturer, model, mpn, color, size, description, features, category <p>sku in beta:</p> <ul style="list-style-type: none"> search by url or site filter by sku and fields <p>categories and offers can be queried</p> | <p>keyword search brand category store sku + store id mpn + brand id upc url product id</p> <p>can query stores, brands, and categories for free</p> |
| query results | |
| sem3_id - unique semantics3 id name brand category id | Stores (0 credits): <ul style="list-style-type: none"> id name country |

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| <p> color sem3 creation date description ean features - hash or blob format gtin country - based on where sold height length width weight images manufacturer model mpn price - quick and dirty, see sitedetails currency size upc last updated timestamp variation_id - for variations on this product sitedetails - site specific info: <ul style="list-style-type: none"> • name • price • currency • sku • url • recent offers <ul style="list-style-type: none"> ◦ availability ◦ condition ◦ price ◦ currency ◦ seller ◦ shipping ◦ timestamps </p> <p>category specific fields:</p> <ul style="list-style-type: none"> • actor • artist • author • department • director • format • genre • label • language • operatingsystem • platform | <p>Brands (0 credits):</p> <ul style="list-style-type: none"> • id • name <p>Categories (0 credits):</p> <ul style="list-style-type: none"> • id • name • id path • name path <p>productSummary (2 credits per result):</p> <ul style="list-style-type: none"> • mpid - unique index id • category • upcs • brand • mpn • min sale price • max sale price • currency • country • title • last recorded at - timestamp • image url • offers count • stores count <p>productOffersStandard (4 credits per), includes everything from product summary and an array of offers from stores, pricing is specific to a single store:</p> <ul style="list-style-type: none"> • storeid • store name • title • sku • refurbished and used offers • sales rank • uri • userratings • avg rating • max rating • addonitem • availability • shipping text • fulfilled by • pid - index product id • private attributes • mpns |
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| <ul style="list-style-type: none"> • producer • publisher • runningtime • studio • writer | <ul style="list-style-type: none"> • listprice • new offers • buyboxwinner • image uris • sale price • last recorded at • seller <p>productOffersPremium (4 credits), similar to the standard counterpart, but provides pricing across all stores where offered</p> <p>catalogStandard (18 credits per product). Hard to see what additional info this provides. Indix stated "Returns a collection of products matching a specified query, along with a variety of statistics about the query results" and "Aggregated catalog information for a product"</p> <p>catalogPremium (18 credits), similar to standard, but across all stores</p> <p>universal (22 credits), this returns everything they have about a product</p> <p>can also search by mpid</p> |
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