# **Catalogue Service API**.

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| --- | --- | --- |
| Version | Base URI | Authentication. |
| 1.0 | http://host:port/v1/toys | Public API Authentication is not required. |

The Catalogue service API helps the consumer to choose the right toys based on their specific requirements For Example - price and stock availability, etc.

## **Toy listing service**

URI - http://host:port/api/v1.0/catalogue

Get the list of all the toys which are currently in stock.

|  |  |
| --- | --- |
| Method | Get |
| URL | http://host:port/api/v1.0/catalogue |
| Response |  |
| Comment | Default return all toys with Stock=available |

Get the list of all the toys with price filtering

|  |  |
| --- | --- |
| Method | Get |
| URL | http://host:port/api/v1.0/catalogue?price=<from>-<to> |
| Response |  |
| Comment | Price=<from>-<to>. Includes all toys between from and to prices including both prices.  Price=<from>. Includes all toys greater than and equal to “from” price.  Price=-<to>. Includes all toys less than and equal to “to” price. |

Get the list of all the toys with stock filtering

|  |  |
| --- | --- |
| Method | Get |
| URL | http://host:port/api/v1.0/catalogue?stock=[available|all|backorder] |
| Response |  |
| Comment | Stock=available – Get only toys that are available in stock. This is default behaviour of API if no input is provided.  Stock=all – Get all toys whether available or not.  Stock= backorder– All toys which are currently out of stock. |