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**Product Rest Service API**

Rest API end point URL:

Staging - https://www.precrowdwisdom.com/diweb/ws/rest/courses/{id}

Production - https://www.mycrowdwisdom.com/diweb/ws/rest/courses/{id}

Security: Basic Authentication Over HTTPS

DESCRIPTION: fetch course details with filtering and paging support.

INPUT: Path parameter {id} -- user identifier, optional, if provided, it will list out the courses related to the user specific catalog.

INPUT: Query Parameters (\* all optional)

- pageNumber indicating which page to fetch (zero based) default 0

- pageSize number of records per page. default 10

- sort sort order. prefix order field(s) with "-" to perform descending sort

- type filter by Item Type, valid values are: generic, aicc, scorm, test, book, package, event, multimedia, webinar, survey, document

- startDate filter by item start date

- endDate filter by item end date

- tagSet filter by tagset name

- tag filter by item tag name

- catalog filter by catalog name

OUTPUT: ResultRecord

- start start record index, zero based

- end end record index, zero based.

- length number of records returned for the current page.

- total total number of hits

- products list of matched records, type of ProductRecord

OUTPUT: ProductRecord

- id product identifier

- name product name

- displayName displayname of the product

- subTitle product sub title

- description product description

- keywords defined on the product

- icon product image url

- smallIcon product icon image url

- type product type, possible values are: Web-Launch, aicc, scorm, test, book, package, event, multimedia, webinar, survey, document

- publisher product publisher

- copyright product copyright

- startDate product start date

- endDate product end date

- creditInfo textual representation of the credit information

- url external URL

- viewWindowSize launch window size ie. 800x600

- contentId content identifier like test Id

- surveyId course survey

- previewUrl static link to the preview link

- infoUrl information link

- rates total no of ratings

- rating average rating of the product

- viewUrl product detail page url

- launchUrl product remote launch url

- customField1 product customfiled1

- customField2 product customfiled2

- customField3 product customfiled3

- section catalog/entry section

- code catalog/entry code

- term catalog/entry term

- catalog catalog name product belongs to

- hidden is catalog/entry hiiden? yes/no

- externalId catalog/entry external id

- enrollCount no of enrollments on catalog/entry

- enrollLimit enrollment limit on catalog/entry

- startOnFirstAccess if true, course startdate begins when user launches the course first time and based on this end date will be calculated.

- subscriptionBased if true, course is subscription based like 1 year $50, if false, it is date based like 1/1/2016-1/1/2017 $50

- variants list of catalog subscription variants. type of Variant

- credits list of credits on the product. type of Credit

- properties list of product properties. type of Property

OUTPUT: Variant

- title dispaly template for variant, default ${len} ${unit} Subscription (${price})

- len length of the variant, applicable only for subscription based

- unit unit of the variant, possible values:Hour,Day,Week,Month,Year, applicable only for subscription based

- price price of the course

- currency locale ie. <language>\_<country>

- startDate variant start date, applicable only for date based variants

- endDate variant end date, applicable only for date based variants

OUTPUT: Credit

- type credit type (client specific)

- value number of credits granted

- creditYear credit year

OUTPUT: Property

- name product property name

- value product property value

SAMPLE:

GET: /courses/276?pageSize=3

RESPONSE XML:

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<result>

<start>0</start>

<end>2</end>

<length>3</length>

<total>107</total>

<products>

<product id="318058">

<name>$tarWars Jetpack</name>

<displayName>$tarWars Jetpack</displayName>

<subTitle>Subtitle Edit</subTitle>

<description>Could the shields in Star Wars work in real life? Ask these University of Leicester students.</description>

<smallIcon>http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=71322</smallIcon>

<type>Multimedia</type>

<startDate>2016-07-19T04:00:00Z</startDate>

<url>https://youtu.be/CroLulZIhCA</url>

<rates>0</rates>

<rating>0.0</rating>

<viewUrl>http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=318058</viewUrl>

<launchUrl>http://ymlearning.precrowdwisdom.com/diweb/catalog/launch/remote?data=x2w6\*2FgPRjDBqTeEt6gnVdA2y\*2F3D4\*2F8GBXKQF1v81D5k\*3D</launchUrl>

<customField2>#C95D63</customField2>

<customField3>fa fa-shield</customField3>

<catalog>NonMember</catalog>

<hidden>false</hidden>

<externalId>406254</externalId>

<enrollCount>4</enrollCount>

<enrollLimit>0</enrollLimit>

<startOnFirstAccess>false</startOnFirstAccess>

<subscriptionBased>true</subscriptionBased>

<variants>

<variant>

<title>1 Month Subscription ($0.00)</title>

<len>1</len>

<unit>Month</unit>

<price>0.0</price>

</variant>

</variants>

<props>

<prop>

<name>item:multimedia:dimension</name>

</prop>

<prop>

<name>item:multimedia:download</name>

<value>false</value>

</prop>

<prop>

<name>single.page.composite</name>

</prop>

</props>

</product>

<product id="339041">

<name>10 Point LMS Health Check Document</name>

<icon>http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=74646</icon>

<smallIcon>http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=74647</smallIcon>

<type>Document</type>

<startDate>2016-09-06T04:00:00Z</startDate>

<rates>0</rates>

<rating>0.0</rating>

<viewUrl>http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=339041</viewUrl>

<launchUrl>http://ymlearning.precrowdwisdom.com/diweb/catalog/launch/remote?data=g0RH2BejhYBYVBfNbiaBrGlfo9vsCal9zTGYukjNtR0\*3D</launchUrl>

<catalog>NonMember</catalog>

<hidden>false</hidden>

<externalId>406926</externalId>

<enrollCount>0</enrollCount>

<enrollLimit>0</enrollLimit>

<startOnFirstAccess>false</startOnFirstAccess>

<subscriptionBased>true</subscriptionBased>

<variants>

<variant>

<title>365 Day Subscription ($0.00)</title>

<len>365</len>

<unit>Day</unit>

<price>0.0</price>

</variant>

</variants>

<props>

<prop>

<name>item:document:download</name>

<value>false</value>

</prop>

<prop>

<name>item:document:file</name>

<value>74645</value>

</prop>

</props>

</product>

<product id="316045">

<name>3M - Self Assessment</name>

<type>Package</type>

<startDate>2016-06-23T04:00:00Z</startDate>

<rates>0</rates>

<rating>0.0</rating>

<viewUrl>http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=316045</viewUrl>

<catalog>NonMember</catalog>

<hidden>false</hidden>

<enrollCount>0</enrollCount>

<enrollLimit>0</enrollLimit>

<startOnFirstAccess>false</startOnFirstAccess>

<subscriptionBased>true</subscriptionBased>

<variants>

<variant>

<title>1 Year Subscription ($5.00)</title>

<len>1</len>

<unit>Year</unit>

<price>5.0</price>

</variant>

</variants>

<props>

<prop>

<name>item:package:tracking</name>

<value>1</value>

</prop>

<prop>

<name>item:package:completion.logic</name>

<value>0</value>

</prop>

<prop>

<name>item:package:language</name>

<value>false</value>

</prop>

<prop>

<name>item:package:composite</name>

<value>0</value>

</prop>

<prop>

<name>item:package:hide.items</name>

</prop>

<prop>

<name>item:package:sequential</name>

<value>0</value>

</prop>

<prop>

<name>item:package:bookmarking</name>

</prop>

<prop>

<name>item:package:version</name>

</prop>

</props>

</product>

</products>

</result>

RESPONSE JSON: GET: /courses/276.json?pageSize=3

{

"start": 0,

"end": 2,

"length": 3,

"total": 107,

"products": [

{

"id": 318058,

"name": "$tarWars Jetpack",

"displayName": "$tarWars Jetpack",

"subTitle": "Subtitle Edit",

"description": "Could the shields in Star Wars work in real life? Ask these University of Leicester students.",

"smallIcon": "http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=71322",

"type": "Multimedia",

"startDate": 1468900800000,

"url": "https://youtu.be/CroLulZIhCA",

"rates": 0,

"rating": 0,

"viewUrl": "http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=318058",

"launchUrl": "http://ymlearning.precrowdwisdom.com/diweb/catalog/launch/remote?data=x2w6\*2FgPRjDBqTeEt6gnVdP6VmVYr0wTyCvY6UAXf3QM\*3D",

"customField2": "#C95D63",

"customField3": "fa fa-shield",

"catalog": "NonMember",

"hidden": false,

"externalId": "406254",

"enrollCount": 4,

"enrollLimit": 0,

"startOnFirstAccess": false,

"subscriptionBased": true,

"variants": [

{

"title": "1 Month Subscription ($0.00)",

"len": 1,

"unit": "Month",

"price": 0

}

],

"props": [

{

"name": "item:multimedia:dimension"

},

{

"name": "item:multimedia:download",

"value": "false"

},

{

"name": "single.page.composite"

}

]

},

{

"id": 339041,

"name": "10 Point LMS Health Check Document",

"icon": "http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=74646",

"smallIcon": "http://ymlearning.precrowdwisdom.com/diweb/fs/file?id=74647",

"type": "Document",

"startDate": 1473134400000,

"rates": 0,

"rating": 0,

"viewUrl": "http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=339041",

"launchUrl": "http://ymlearning.precrowdwisdom.com/diweb/catalog/launch/remote?data=g0RH2BejhYBYVBfNbiaBrADfHAPIfvvrxYYKA9VgWn8\*3D",

"catalog": "NonMember",

"hidden": false,

"externalId": "406926",

"enrollCount": 0,

"enrollLimit": 0,

"startOnFirstAccess": false,

"subscriptionBased": true,

"variants": [

{

"title": "365 Day Subscription ($0.00)",

"len": 365,

"unit": "Day",

"price": 0

}

],

"props": [

{

"name": "item:document:file",

"value": "74645"

},

{

"name": "item:document:download",

"value": "false"

}

]

},

{

"id": 316045,

"name": "3M - Self Assessment",

"type": "Package",

"startDate": 1466654400000,

"rates": 0,

"rating": 0,

"viewUrl": "http://ymlearning.precrowdwisdom.com/diweb/catalog/item?id=316045",

"catalog": "NonMember",

"hidden": false,

"enrollCount": 0,

"enrollLimit": 0,

"startOnFirstAccess": false,

"subscriptionBased": true,

"variants": [

{

"title": "1 Year Subscription ($5.00)",

"len": 1,

"unit": "Year",

"price": 5

}

],

"props": [

{

"name": "item:package:bookmarking"

},

{

"name": "item:package:hide.items"

},

{

"name": "item:package:tracking",

"value": "1"

},

{

"name": "item:package:composite",

"value": "0"

},

{

"name": "item:package:language",

"value": "false"

},

{

"name": "item:package:sequential",

"value": "0"

},

{

"name": "item:package:completion.logic",

"value": "0"

},

{

"name": "item:package:version"

}

]

}

]

}