Go VE Become an Expert

Primo VE APIs

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In this session we will cover:

- API Configuration Differences in Primo VE
- Preparation: Check Your Primo API Usage
- Configuration: Conversion Examples
- Live Q&A
- FAQ
API Configuration Differences in Primo VE

1. Path
2. Parameters
3. Responses
API Configuration Differences in Primo VE

1. Path

- Any calls using the API gateway will not require any path changes
  
  * e.g. https://api-ap.hosted.exlibrisgroup.com

- Path changes will be required only if your code uses internal paths for the Primo APIs
API Configuration Differences in Primo VE

1. Path

• The internal path for Primo VE's API:
  https://<base_url>/primaws/rest/pub

• While Primo uses the following path:
  https://
  <base_url>/primo_library/libweb/webservices/rest/primo-explore/v1/
API Configuration Differences in Primo VE

2. Parameters

The **vid** parameter in Primo VE's API requests

In Primo VE:

```
vid = <inst_code>:<view_code>
```

In Classic Primo:

```
vid = <view_code>
```
API Configuration Differences in Primo VE

2. Parameters

The **vid** parameter in Primo VE's API requests

In Primo VE:

&tab=LibraryCatalog&scope=MyInstitution&q=any,contains,brief&apikey=889erg5766h222i8

In Classic Primo:

https://api-ap.hosted.exlibrisgroup.com/primo/v1/search?vid=MY_VIEW
&tab=default_tab&scope=default_scope&q=any,contains,brief&apikey=889erg5766h222i8
API Configuration Differences in Primo VE

3. Responses

• The structure of the API's responses is the same
• Some data is not included because it is not used by Primo VE.

For example, the PNX search and browse sections
What is needed to convert Primo API calls to Primo VE?
Preparation: Check Your Primo API Usage

Re-examine your solution before copying it to Primo VE:

- Is there a need for this functionality?
- Is there a better implementation in the community or in Primo Studio?
Preparation: Check Your Primo API Usage

Review the usage of the APIs in your customization package or any other source code:

• Review the custom.js file and search for:
  • $http
  • primo_library

• For each, check the URL call:
  • The API path supported by Primo VE
  • The response data exists on VE
Configuration: Conversion Examples

Some examples that you may find useful to see what is needed to convert Primo API calls to Primo VE
Example 1: Usage of the search API

```javascript
let conf = {
  url: '/primo_library/libweb/webservices/rest/primo-explore/v1/pnxs',
  method: 'GET',
  params: params
};

let searchPromise = $http(conf).then((response) => {
  let items = response.data.docs;
  let frbrGp = '';
  let frbrFacet = '';
  if(items && items.length > 0){
    if(items[0].pnx.facets.frbrgroupid && items[0].pnx.facets.frbrgroupid[0]){
      frbrGp = items[0].pnx.facets.frbrgroupid[0];
      frbrFacet = 'facet_frbrgroupid,exact,' + frbrGp;
      conf.params.qInclude = frbrFacet;
      let searchFrbrPromise = $http(conf).then((response) => {
        let itemFrbr = response.data.docs;
        return foo();
      });
    }
  }
  return bar();
}
return bar();
```
Example 1: Usage of the search API

```javascript
let conf = {
  url: '/primaws/rest/pub/pnxs',
  method: 'GET',
  params: params
};

let searchPromise = $http(conf).then((response) => {
  let items = response.data.docs;
  let frbrGrp = '';
  let frbrFacet = '';
  if(items && items.length > 0){
    if(items[0].pnx.facets.frbrgroupid && items[0].pnx.facets.frbrgroupid[0]){
      frbrGrp = items[0].pnx.facets.frbrgroupid[0];
      frbrFacet = 'facet_frbrgroupid,exact,' + frbrGrp
    }
    conf.params.qInclude = frbrFacet;
    let searchFrbrPromise = $http(conf).then((response) => {
      let itemFrbr = response.data.docs;
      return foo();
    });
  }
}
return bar();
return bar();
```
Example 2: Parsing the API response

```javascript
let conf = {
    url: '/primo_library/libweb/webservices/rest/primo-explore/v1/pnxs',
    method: 'GET',
    params: sparams
};

let searchPromise = $http(conf).then((response) => {
    let items = response.data.docs;
    if (items && items.length > 0) {
        let recID = items[0].pnx.search.recordid[0];
        return bar();
    }
    return bar();
});
return searchPromise;
```
Example 2: Parsing the API response

```javascript
let conf = {
  url: '/primo_library/libweb/webservices/rest/primo-explore/v1/pnxs',
  method: 'GET',
  params: params
};

let searchPromise = $http(conf).then((response) => {
  let items = response.data.docs;

  if(items && items.length > 0){
    let recID = items[0].pnx.search.recordid[0];
    return bar();
  }

  return bar();
});

return searchPromise;
```
Questions?
FAQ

Q: Do we need to change our API Key?
A: No. The API Key stays the same. On the go-live day with Primo VE, the routing is changed to Primo VE production instead of Primo Classic
FAQ

**Q:** How can we check Primo VE API requests before go-live?

**A:** During Primo VE implementation, APIs are still pointing at Classic Primo back office. For API tests before go-live, submit a case to temporarily change the routing:

1. Point to Primo VE production and set it back after testing.
2. Point to Primo VE sandbox and set it back after testing.
FAQ

Q: Does VE supports Analytics API?
A: Not yet. In Primo VE the Primo Analytics is accessed from within the Alma menu, which is similar to the way it is accessed from the Primo Back Office menu.
FAQ

Q: Do the x-services APIs still function as they do today, or would we need to migrate to other APIs?
A: Primo VE supports the new Primo REST API Suite, which provides access to Primo search capabilities and results as used by the new Primo interface.
Thank you!

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