



Australian Government

IP Australia

LEGAL STATUS API

**Project Update
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Patents



Trade Marks



Designs



Plant Breeder's
Rights



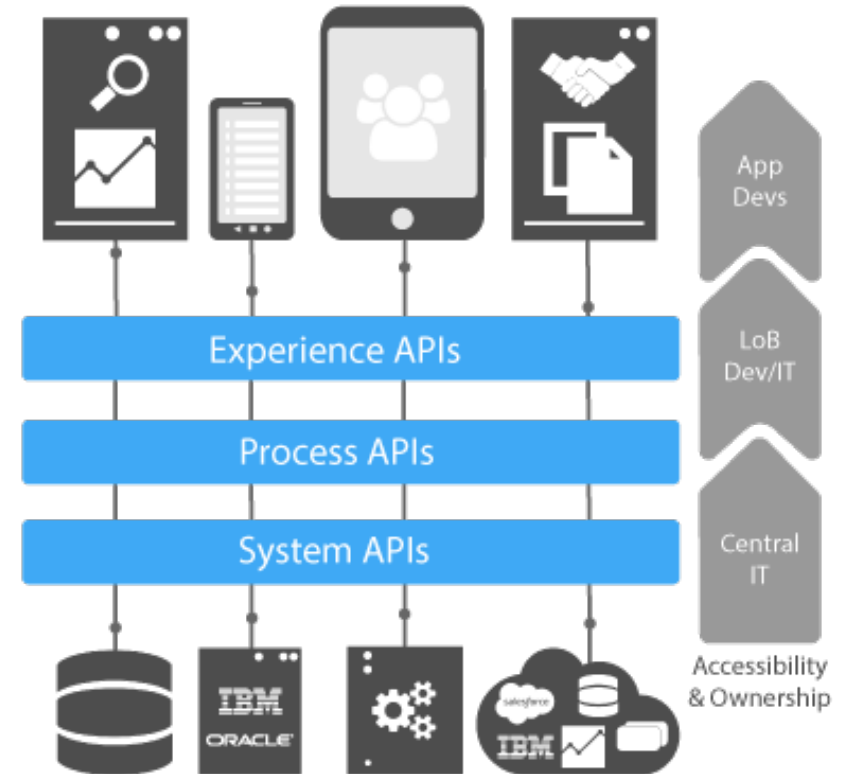
Objective

- Facilitate a real time or regular legal status data exchange or dissemination by IPOs

Scope

Data exchange between IPOs and data from IPOs to end users for

- Patent legal status (current target)
- Design legal status (future)
- Trademark legal status (future)





Task Force Use Cases

- Client requests all legal status events that have occurred during the given Date Range at the IPO for all types of IPRs
- Client requests all legal status events occurred for an individual IPR (patent, trademark, design, etc.) grant or application

Request	Response
Office code	Office code
Date range	Date range
	Legal Status data payload

Request	Response
Office code	Office code
Application / IPR number	Application / IPR number
	Legal Status data payload



Independent Use Cases

- Client requests most recent changes i.e. a new event has occurred in the previous time period – to be based on Office Journal publications i.e. weekly
- Client requests information only on specific State, Stage(s) or Key Events for all IPRs or individual IPR – this type of query is often important for Patent Analytics

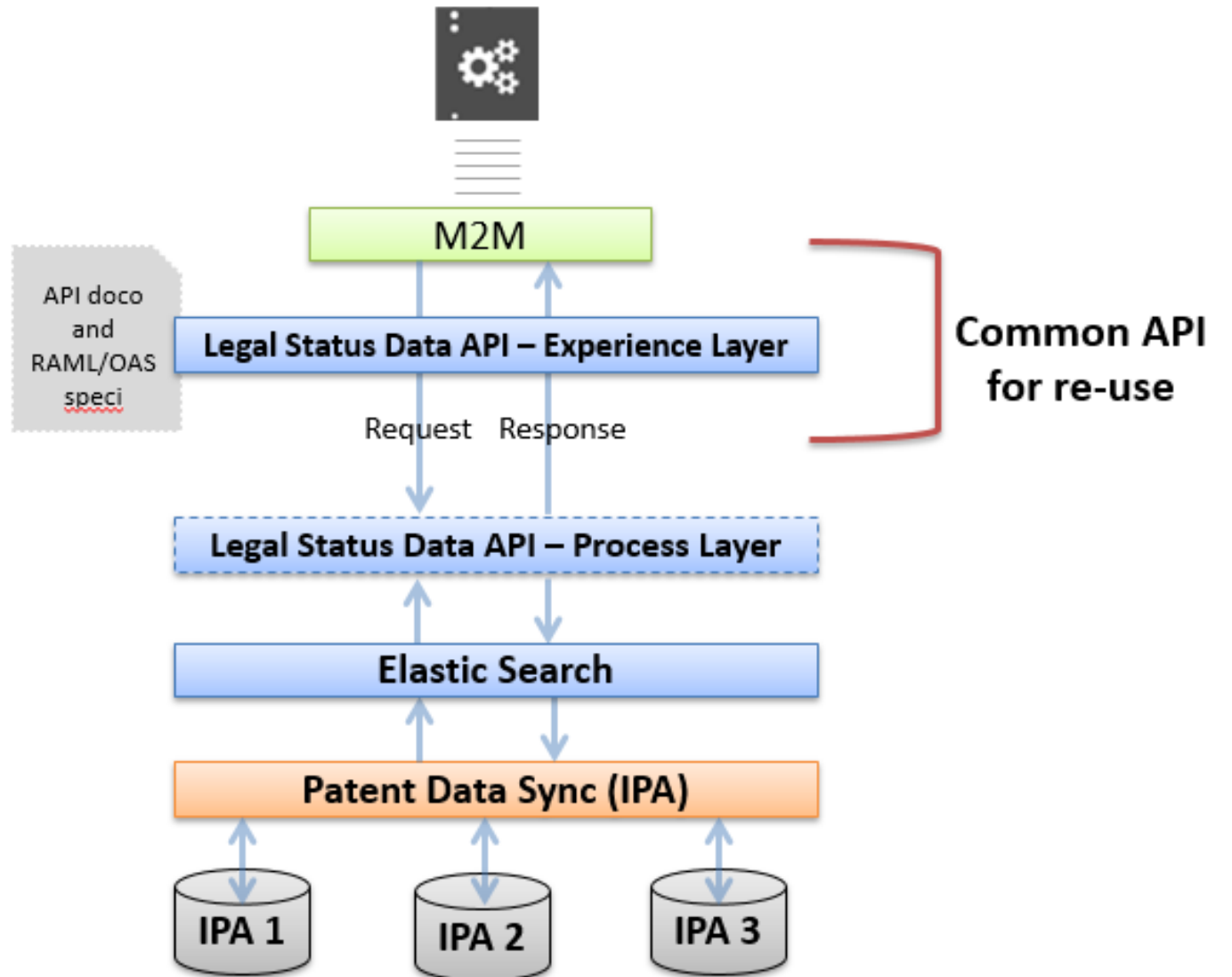
Request	Response
Office code	Office code
Date range	Date range (predefined)
	Legal Status data payload

Request	Response
Office code	Office code
Date range	Date range
Application / IPR number / All*	Application / IPR number / All*
State / Stage / Key Event	Legal Status data payload



Patent Legal Status API

- In all cases the Request should be in XML or JSON and the Response should be ST.96 XML compliant and JSON





Patent Legal Status API

```

Files
  v examples
    PatentLegalStatus-example.json
    PatentLegalStatusData-example.json
    PatentLegalStatusData-example.xml
  v st96
    Common_V3_1.xsd
    FlattenedMathML3.xsd
    LegalStatusData-20190123.xsd
    LegalStatusData-Common-2019012.xsd
    OASISTable_V1_0.xsd
    Patent_V2_1.xsd
  legal-status-api.raml
  legal-status-library.raml

1 #RAML 1.0
2 baseUri: https://anypoint.mulesoft.com/mocking/api/v1/links/528ba173-74ab-4eca-8327-80d6648a6c98/ #
3 title: Legal Status API
4
5 uses:
6   lib: legal-status-library.raml
7
8 /legal-status-events:
9   /patents:
10    get:
11     queryParameters:
12      applicationNumber:
13       type: string
14      fromDate:
15       type: date-only
16      toDate:
17       type: date-only
18     responses:
19      200:
20       body:
21        application/xml:
22         type: include st96/LegalStatusData-20190123.xsd#PatentLegalStatusData
23        application/json:
24         type: lib:PatentLegalStatusData
25      /applicationNumber):
26     get:
27      responses:
28       200:
29        body:
30         application/xml:
31          type: include st96/LegalStatusData-20190123.xsd#PatentLegalStatusData
32         application/json:
33          type: lib:PatentLegalStatus
34          example: include examples/PatentLegalStatus-example.json
35
36
  
```

RAML Definition

Get Back to docs

Request URL

Parameters ⓘ Headers

Query parameters

applicationNumber*

fromDate*

toDate*

[+ Add query parameter](#)

Fill in required parameters

Mock Service Input Screen



Patent Legal Status API

```

version="1.0"
tentLegalStatusData p2:st96Version="V3_1" p2:creationDate="2019-02-18" xmlns:p2="http://www.wipo.in
1:PatentLegalStatus
  <p1:ApplicationIdentification>
    <p2:IPOfficeCode>AU</p2:IPOfficeCode>
    <p2:ApplicationNumber>
      <p2:ST13ApplicationNumber>102011123456789</p2:ST13ApplicationNumber>
    </p2:ApplicationNumber>
  </p1:ApplicationIdentification>
  <p1:StatusEventDataBag>
    <p1:StatusEventData>
      <p2:StatusEventIdentifier>804bc5f2-e216-4fef-93c1-b799c71647ea</p2:StatusEventIdentifier>
      <p1:StatusEventCode>N06B10B11R120</p1:StatusEventCode>
      <p2:EventDate>2019-02-18</p2:EventDate>
      <p2:EffectiveDate>2019-02-18</p2:EffectiveDate>
      <p2:PublicationDate>2019-02-18</p2:PublicationDate>
    </p1:StatusEventData>
  </p1:StatusEventDataBag>
</p1:PatentLegalStatus>
PatentLegalStatus
  <p1:ApplicationIdentification>
    <p2:IPOfficeCode>AU</p2:IPOfficeCode>
    <p2:ApplicationNumber>
      <p2:ST13ApplicationNumber>102011123456789</p2:ST13ApplicationNumber>
    </p2:ApplicationNumber>
  </p1:ApplicationIdentification>
  <p1:StatusEventDataBag>
    <p1:StatusEventData>
      <p2:StatusEventIdentifier>804bc5f2-e216-4fef-93c1-b799c71647ea</p2:StatusEventIdentifier>
      <p1:StatusEventCode>N06B10B11R120</p1:StatusEventCode>
      <p2:EventDate>2019-02-18</p2:EventDate>
      <p2:EffectiveDate>2019-02-18</p2:EffectiveDate>
      <p2:PublicationDate>2019-02-18</p2:PublicationDate>
    </p1:StatusEventData>
  </p1:StatusEventDataBag>
</p1:PatentLegalStatus>
PatentLegalStatusData

```

ST.96 XML Output – V4.0

```

{
  "PatentLegalStatusData": {
    "PatentLegalStatus": [
      {
        "ApplicationIdentification": {
          "IPOfficeCode": "AU",
          "ApplicationNumber": {
            "ST13ApplicationNumber": "102011123456789"
          }
        },
        "StatusEventDataBag": {
          "StatusEventData": {
            "StatusEventIdentifier": "804bc5f2-e216-4fef-93c1-b799c71647ea",
            "StatusEventCode": "N06B10B11R120",
            "EventDate": "2019-02-18",
            "EffectiveDate": "2019-02-18",
            "PublicationDate": "2019-02-18"
          }
        }
      },
      {
        "ApplicationIdentification": {
          "IPOfficeCode": "AU",
          "ApplicationNumber": {
            "ST13ApplicationNumber": "102011123456789"
          }
        },
        "StatusEventDataBag": {
          "StatusEventData": {
            "StatusEventIdentifier": "804bc5f2-e216-4fef-93c1-b799c71647ea",
            "StatusEventCode": "N06B10B11R120",
            "EventDate": "2019-02-18",
            "EffectiveDate": "2019-02-18",
            "PublicationDate": "2019-02-18"
          }
        }
      }
    ]
  }
}

```

ST.96 XML transformed to JSON output




QUESTIONS

Contact us


1300 65 1010 (9am – 5pm)

www.ipaustralia.gov.au

 facebook.com/ipaustralia.gov.au

 twitter.com/IPAUstralia

 linkedin.com/company/ip-australia

 youtube.com/user/ipaustralia

