

# Sample WebDAV requests

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## 1 Samples

These are extracted from the various WebDAV standards.

1a *<test-http-rfc3253-1.6.1 1a>*≡

```
CHECKOUT /foot.html HTTP/1.1
Host: www.webdav.org
```

1b *<response-http-rfc3253-1.6.1 1b>*≡

```
HTTP/1.1 409 Conflict
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:must-be-checked-in/>
</D:error>
```

1c *<test-http-rfc3253-3.5.1 1c>*≡

```
VERSION-CONTROL /foo.html HTTP/1.1
Host: www.webdav.org
Content-Length: 0
```

1d *<response-http-rfc3253-3.5.1 1d>*≡

```
HTTP/1.1 200 OK
```

1e *<test-http-rfc3253-3.7.1 1e>*≡

```
REPORT /foo.html HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:version-tree xmlns:D="DAV:">
  <D:prop>
    <D:version-name/>
    <D:creator-displayname/>
    <D:successor-set/>
  </D:prop>
</D:version-tree>
```

2a  $\langle \text{response-http-rfc3253-3.7.1 } 2a \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://repo.webdav.org/his/23/ver/V1</D:href>
    <D:propstat>
      <D:prop>
        <D:version-name>V1</D:version-name>
        <D:creator-displayname>Fred</D:creator-displayname>
        <D:successor-set>
          <D:href>http://repo.webdav.org/his/23/ver/V2</D:href>
          <D:href>http://repo.webdav.org/his/23/ver/V2.1.1</D:href>
        </D:successor-set>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://repo.webdav.org/his/23/ver/V2</D:href>
    <D:propstat>
      <D:prop>
        <D:version-name>V2</D:version-name>
        <D:creator-displayname>Fred</D:creator-displayname>
        <D:successor-set/>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://repo.webdav.org/his/23/ver/V2.1.1</D:href>
    <D:propstat>
      <D:prop>
        <D:version-name>V2.1.1</D:version-name>
        <D:creator-displayname>Sally</D:creator-displayname>
        <D:successor-set/>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

2b  $\langle \text{test-http-rfc3253-3.8.1 } 2b \rangle \equiv$

```
REPORT /foo.html HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:expand-property xmlns:D="DAV:">
  <D:property name="version-history">
    <D:property name="version-set">
      <D:property name="creator-displayname"/>
      <D:property name="activity-set"/>
    </D:property>
  </D:property>
</D:expand-property>
```

2c  $\langle \text{response-http-rfc3253-3.8.1 } 2c \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.webdav.org/foo.html</D:href>
    <D:propstat>
      <D:prop>
        <D:version-history>
          <D:response>
            <D:href>http://repo.webdav.org/his/23</D:href>
            <D:propstat>
              <D:prop>
                <D:version-set>
                  <D:response>
                    <D:href>http://repo.webdav.org/his/23/ver/1</D:href>
                    <D:propstat>
                      <D:prop>
                        <D:creator-displayname>Fred</D:creator-displayname>
                        <D:activity-set> <D:href>
                          http://www.webdav.org/ws/dev/sally
                        </D:href> </D:activity-set> </D:prop>
                        <D:status>HTTP/1.1 200 OK</D:status>
                      </D:propstat> </D:response>
                    </D:response>
                    <D:href>http://repo.webdav.org/his/23/ver/2</D:href>
                    <D:propstat>
                      <D:prop>
                        <D:creator-displayname>Sally</D:creator-displayname>
                        <D:activity-set>
                          <D:href>http://repo.webdav.org/act/add-refresh-cmd</D:href>
                        </D:activity-set> </D:prop>
                        <D:status>HTTP/1.1 200 OK</D:status>
                      </D:propstat> </D:response>
                    </D:version-set> </D:prop>
                    <D:status>HTTP/1.1 200 OK</D:status>
                  </D:propstat> </D:response>
                </D:version-history> </D:prop>
                <D:status>HTTP/1.1 200 OK</D:status>
              </D:propstat> </D:response>
            </D:version-history> </D:prop>
            <D:status>HTTP/1.1 200 OK</D:status>
          </D:propstat> </D:response>
        </D:multistatus>
```

3a  $\langle \text{test-http-rfc3253-4.3.1 } 3a \rangle \equiv$

```
CHECKOUT /foo.html HTTP/1.1
Host: www.webdav.org
Content-Length: 0
```

3b  $\langle \text{response-http-rfc3253-4.3.1 } 3b \rangle \equiv$

```
HTTP/1.1 200 OK
Cache-Control: no-cache
```

3c  $\langle \text{test-http-rfc3253-4.4.1 } 3c \rangle \equiv$

```
CHECKIN /foo.html HTTP/1.1
Host: www.webdav.org
Content-Length: 0
```

3d  $\langle \text{response-http-rfc3253-4.4.1 3d} \rangle \equiv$

```
HTTP/1.1 201 Created
Location: http://repo.webdav.org/his/23/ver/32
Cache-Control: no-cache
```

4a  $\langle \text{test-http-rfc3253-4.5.1 4a} \rangle \equiv$

```
UNCHECKOUT /foo.html HTTP/1.1
Host: www.webdav.org
Content-Length: 0
```

4b  $\langle \text{response-http-rfc3253-4.5.1 4b} \rangle \equiv$

```
HTTP/1.1 200 OK
Cache-Control: no-cache
```

4c  $\langle \text{test-http-rfc3253-5.4.1 4c} \rangle \equiv$

```
REPORT /ws/public HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:locate-by-history xmlns:D="DAV:">
  <D:version-history-set>
    <D:href>http://repo.webdav.org/his/23</D:href>
    <D:href>http://repo.webdav.org/his/84</D:href>
    <D:href>http://repo.webdav.org/his/129</D:href>
  </D:version-history-set>
  <D:prop>
    <D:version-history/>
  </D:prop>
</D:locate-by-history>
```

4d  $\langle \text{response-http-rfc3253-5.4.1 4d} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.webdav.org/ws/public/x/test.html</D:href>
    <D:propstat>
      <D:prop>
        <D:version-history>
          <D:href>http://repo.webdav.org/his/23</D:href>
        </D:version-history>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

4e  $\langle \text{test-http-rfc3253-6.3.1 4e} \rangle \equiv$

```
MKWORKSPACE /ws/public HTTP/1.1
Host: www.webdav.org
Content-Length: 0
```

5a  $\langle \text{response-http-rfc3253-6.3.1 5a} \rangle \equiv$

```
HTTP/1.1 201 Created
Cache-Control: no-cache
```

5b  $\langle \text{test-http-rfc3253-6.4.1 5b} \rangle \equiv$

```
OPTIONS /doc HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:options xmlns:D="DAV:">
  <D:version-history-collection-set/>
  <D:workspace-collection-set/>
</D:options>
```

5c  $\langle \text{response-http-rfc3253-6.4.1 5c} \rangle \equiv$

```
HTTP/1.1 200 OK
DAV: 1
DAV: version-control,checkout-in-place,version-history,workspace
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:options-response xmlns:D="DAV:">
  <D:version-history-collection-set>
    <D:href>http://repo.webdav.org/his</D:href>
  </D:version-history-collection-set>
  <D:workspace-collection-set>
    <D:href>http://www.webdav.org/public/ws</D:href>
    <D:href>http://www.webdav.org/private/ws</D:href>
  </D:workspace-collection-set>
</D:options-response>
```

5d  $\langle \text{test-http-rfc3253-6.7.1 5d} \rangle \equiv$

```
VERSION-CONTROL /ws/public/bar.html HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:version-control xmlns:D="DAV:">
  <D:version>
    <D:href>http://repo.webdav.org/his/12/ver/V3</D:href>
  </D:version>
</D:version-control>
```

5e  $\langle \text{response-http-rfc3253-6.7.1 5e} \rangle \equiv$

```
HTTP/1.1 201 Created
Cache-Control: no-cache
```

5f  $\langle \text{test-http-rfc3253-7.1.1 5f} \rangle \equiv$

```
UPDATE /foo.html HTTP/1.1
Host: www.webdav.org
Content-type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:update xmlns:D="DAV:">
  <D:version>
    <D:href>http://repo.webdav.org/his/23/ver/33</D:href>
  </D:version>
</D:update>
```

6a  $\langle \text{response-http-rfc3253-7.1.1 6a} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Cache-Control: no-cache

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.webdav.org/foo.html</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
</D:multistatus>
```

6b  $\langle \text{test-http-rfc3253-8.2.1 6b} \rangle \equiv$

```
LABEL /foo.html HTTP/1.1
Host: www.webdav.org
Content-type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:label xmlns:D="DAV:">
  <D:set>
    <D:label-name>default</D:label-name>
  </D:set>
</D:label>
```

6c  $\langle \text{response-http-rfc3253-8.2.1 6c} \rangle \equiv$

```
HTTP/1.1 200 OK
Cache-Control: no-cache
```

6d  $\langle \text{test-http-rfc3253-9.3.1 6d} \rangle \equiv$

```
CHECKOUT /his/12/ver/V3 HTTP/1.1
Host: repo.webdav.org
Content-Length: 0
```

6e  $\langle \text{response-http-rfc3253-9.3.1 6e} \rangle \equiv$

```
HTTP/1.1 201 Created
Location: http://repo.webdav.org/wr/157
Cache-Control: no-cache
```

6f  $\langle \text{test-http-rfc3253-9.4.1 6f} \rangle \equiv$

```
CHECKIN /wr/157 HTTP/1.1
Host: repo.webdav.org
Content-Length: 0
```

7a  $\langle \text{response-http-rfc3253-9.4.1 7a} \rangle \equiv$

```
HTTP/1.1 201 Created
Location: http://repo.webdav.org/his/23/ver/15
Cache-Control: no-cache
```

7b  $\langle \text{test-http-rfc3253-11.2.1 7b} \rangle \equiv$

```
MERGE /ws/public HTTP/1.1
Host: www.webdav.org
Content-type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:merge xmlns:D="DAV:">
  <D:source>
    <D:href>http://www.webdav.org/ws/dev/sally</D:href>
  </D:source>
</D:merge>
```

7c  $\langle \text{response-http-rfc3253-11.2.1 7c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Cache-Control: no-cache

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.webdav.org/ws/public/src/parse.c</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
  <D:response>
    <D:href>http://www.webdav.org/ws/public/doc/parse.html</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
</D:multistatus>
```

7d  $\langle \text{test-http-rfc3253-11.3.1 7d} \rangle \equiv$

```
REPORT /ws/public HTTP/1.1
Host: www.webdav.org
Content-type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:merge-preview xmlns:D="DAV:">
  <D:source>
    <D:href>http://www.webdav.org/ws/dev/fred</D:href>
  </D:source>
</D:merge-preview>
```

7e *<response-http-rfc3253-11.3.1 7e>*≡

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:merge-preview-report xmlns:D="DAV:">
  <D:conflict-preview>
    <D:target>
      <D:href>http://www.webdav.org/ws/public/foo.html</D:href>
    </D:target>
    <D:common-ancestor>
      <D:href>http://repo.webdav.org/his/23/ver/18</D:href>
    </D:common-ancestor>
    <D:version>
      <D:href>http://repo.webdav.org/his/23/ver/42</D:href>
    </D:version>
  </D:conflict-preview>
  <D:update-preview>
    <D:target>
      <D:href>http://www.webdav.org/ws/public/bar.html</D:href>
    </D:target>
    <D:version>
      <D:href>http://www.repo/his/42/ver/3</D:href>
    </D:version>
  </D:update-preview>
</D:merge-preview-report>
```

8a *<test-http-rfc3253-12.6.1 8a>*≡

```
BASELINE-CONTROL /src HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:baseline-control xmlns:D="DAV:">
  <D:href>http://www.webdav.org/repo/blh/13/ver/8</D:href>
</D:baseline-control>
```

8b *<response-http-rfc3253-12.6.1 8b>*≡

```
HTTP/1.1 200 OK
Cache-Control: no-cache
Content-Length: 0
```

8c *<test-http-rfc3253-12.7.1 8c>*≡

```
REPORT /bl-his/12/bl/14 HTTP/1.1
Host: repo.webdav.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:compare-baseline xmlns:D="DAV:">
  <D:href>http://repo.webdav.org/bl-his/12/bl/15</D:href>
</D:compare-baseline>
```



8d  $\langle \text{response-http-rfc3253-12.7.1 } 8d \rangle \equiv$

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:compare-baseline-report xmlns:D="DAV:">
  <D:added-version>
    <D:href>http://repo.webdav.org/his/23/ver/8</D:href>
  </D:added-version>
  <D:changed-version>
    <D:href>http://repo.webdav.org/his/29/ver/12</D:href>
    <D:href>http://repo.webdav.org/his/29/ver/19</D:href>
  </D:changed-version>
  <D:deleted-version>
    <D:href>http://repo.webdav.org/his/12/ver/4</D:href>
  </D:deleted-version>
</D:compare-baseline-report>
```

9a  $\langle \text{test-http-rfc3253-13.5.1 } 9a \rangle \equiv$

```
MKACTIVITY /act/test-23 HTTP/1.1
Host: repo.webdav.org
Content-Length: 0
```

9b  $\langle \text{response-http-rfc3253-13.5.1 } 9b \rangle \equiv$

```
HTTP/1.1 201 Created
Cache-Control: no-cache
```

9c  $\langle \text{test-http-rfc3253-13.10.1 } 9c \rangle \equiv$

```
CHECKOUT /ws/public/foo.html HTTP/1.1
Host: www.webdav.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:checkout xmlns:D="DAV:">
  <D:activity-set>
    <D:href>http://repo.webdav.org/act/fix-bug-23</D:href>
  </D:activity-set>
</D:checkout>
```

9d  $\langle \text{response-http-rfc3253-13.10.1 } 9d \rangle \equiv$

```
HTTP/1.1 200 OK
Cache-Control: no-cache
```

9e  $\langle \text{test-http-rfc3648-5.2 } 9e \rangle \equiv$

```
MKCOL /theNorth/ HTTP/1.1
Host: example.org
Ordering-Type: http://example.org/orderings/compass.html
```

9f  $\langle \text{response-http-rfc3648-5.2 } 9f \rangle \equiv$

```
HTTP/1.1 201 Created
```

9g  $\langle \text{test-http-rfc3648-6.2a } 9\text{g} \rangle \equiv$

```
COPY /~user/dav/spec08.html HTTP/1.1
Host: example.org
Destination: http://example.org/~slein/dav/spec08.html
Position: after requirements.html
```

10a  $\langle \text{response-http-rfc3648-6.2a } 10\text{a} \rangle \equiv$

```
HTTP/1.1 201 Created
```

10b  $\langle \text{test-http-rfc3648-6.2b } 10\text{b} \rangle \equiv$

```
MOVE /i-d/draft-webdav-prot-08.txt HTTP/1.1
Host: example.org
Destination: http://example.org/~user/dav/draft-webdav-prot-08.txt
Position: first
```

10c  $\langle \text{response-http-rfc3648-6.2b } 10\text{c} \rangle \equiv$

```
HTTP/1.1 409 Conflict
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:collection-must-be-ordered/>
</D:error>
```

10d  $\langle \text{test-http-rfc3648-7.1 } 10\text{d} \rangle \equiv$

```
ORDERPATCH /coll-1/ HTTP/1.1
Host: example.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" ?>
<d:orderpatch xmlns:d="DAV:">
  <d:ordering-type>
    <d:href>http://example.org/inorder.ord</d:href>
  </d:ordering-type>
  <d:order-member>
    <d:segment>two.html</d:segment>
    <d:position><d:first/></d:position>
  </d:order-member>
  <d:order-member>
    <d:segment>one.html</d:segment>
    <d:position><d:first/></d:position>
  </d:order-member>
  <d:order-member>
    <d:segment>three.html</d:segment>
    <d:position><d:last/></d:position>
  </d:order-member>
  <d:order-member>
    <d:segment>four.html</d:segment>
    <d:position><d:last/></d:position>
  </d:order-member>
</d:orderpatch>
```

10e  $\langle \text{response-http-rfc3648-7.1 } 10\text{e} \rangle \equiv$

```
HTTP/1.1 200 OK
```

11a  $\langle \text{test-http-rfc3648-7.2 11a} \rangle \equiv$

```
ORDERPATCH /coll-1/ HTTP/1.1
Host: www.nunanet.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" ?>
<d:orderpatch xmlns:d="DAV:">
  <d:order-member>
    <d:segment>nunavut.desc</d:segment>
    <d:position>
      <d:after>
        <d:segment>nunavut.map</d:segment>
      </d:after>
    </d:position>
  </d:order-member>
  <d:order-member>
    <d:segment>iqaluit.map</d:segment>
    <d:position>
      <d:after>
        <d:segment>pangnirtung.img</d:segment>
      </d:after>
    </d:position>
  </d:order-member>
</d:orderpatch>
```

11b  $\langle \text{response-http-rfc3648-7.2 11b} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" ?>
<d:multistatus xmlns:d="DAV:">
  <d:response>
    <d:href>http://www.nunanet.com/coll-1/iqaluit.map</d:href>
    <d:status>HTTP/1.1 403 Forbidden</d:status>
    <d:responsedescription>
      <d:error><d:segment-must-identify-member/></d:error>
      pangnirtung.img is not a collection member.
    </d:responsedescription>
  </d:response>
</d:multistatus>
```

11c  $\langle \text{test-http-rfc3648-8.1 11c} \rangle \equiv$

```
PROPFIND /MyColl/ HTTP/1.1
Host: example.org
Depth: 1
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop xmlns:J="http://example.org/jsprops/">
    <D:ordering-type/>
    <D:resourcetype/>
    <J:latitude/>
  </D:prop>
</D:propfind>
```

11d *<response-http-rfc3648-8.1 11d>*≡

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:J="http://example.org/jsprops/">
  <D:response>
    <D:href>http://example.org/MyColl/</D:href>
    <D:propstat>
      <D:prop>
        <D:ordering-type>
          <D:href>DAV:custom</D:href>
        </D:ordering-type>
        <D:resourcetype><D:collection/></D:resourcetype>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop>
        <J:latitude/>
      </D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://example.org/MyColl/lakehazen.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype/>
        <J:latitude>82N</J:latitude>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop>
        <D:ordering-type/>
      </D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>
>http://example.org/MyColl/siorapaluk.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype/>
        <J:latitude>78N</J:latitude>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop>
        <D:ordering-type/>
      </D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://example.org/MyColl/igaluit.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype/>
        <J:latitude>62N</J:latitude>

```

11d `<response-http-rfc3648-8.1 11d>≡`

```

    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  <D:propstat>
    <D:prop>
      <D:ordering-type/>
    </D:prop>
    <D:status>HTTP/1.1 404 Not Found</D:status>
  </D:propstat>
</D:response>
<D:response>
  <D:href>http://example.org/MyColl/newyork.html</D:href>
  <D:propstat>
    <D:prop>
      <D:resourcetype/>
      <J:latitude>45N</J:latitude>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  <D:propstat>
    <D:prop>
      <D:ordering-type/>
    </D:prop>
    <D:status>HTTP/1.1 404 Not Found</D:status>
  </D:propstat>
</D:propstat>
</D:response>
</D:multistatus>

```

13a `<test-http-rfc3648-10.1 13a>≡`

```

OPTIONS /somecollection/ HTTP/1.1
Host: example.org

```

13b `<response-http-rfc3648-10.1 13b>≡`

```

HTTP/1.1 200 OK
Allow: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, COPY, MOVE
Allow: MKCOL, PROPFIND, PROPPATCH, LOCK, UNLOCK, ORDERPATCH
DAV: 1, 2, ordered-collections

```

13c `<test-http-rfc3648-10.2 13c>≡`

```

ROPFIND /somecollection HTTP/1.1
Depth: 0
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="UTF-8" ?>
<propfind xmlns="DAV:">
  <prop>
    <supported-live-property-set/>
    <supported-method-set/>
  </prop>
</propfind>

```

13d `<response-http-rfc3648-10.2 13d>≡`

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>

```

13d  $\langle$ response-http-rfc3648-10.2 13d $\rangle \equiv$

```
<multistatus xmlns="DAV:">
  <response>
    <href>http://example.org/somecollection</href>
    <propstat>
      <prop>
        <supported-live-property-set>
          <supported-live-property>
            <prop><ordering-type/></prop>
          </supported-live-property>
          <!-- ... other live properties omitted for brevity ... -->
        </supported-live-property-set>
        <supported-method-set>
          <supported-method name="COPY" />
          <supported-method name="DELETE" />
          <supported-method name="GET" />
          <supported-method name="HEAD" />
          <supported-method name="LOCK" />
          <supported-method name="MKCOL" />
          <supported-method name="MOVE" />
          <supported-method name="OPTIONS" />
          <supported-method name="ORDERPATCH" />
          <supported-method name="POST" />
          <supported-method name="PROPFIND" />
          <supported-method name="PROPPATCH" />
          <supported-method name="PUT" />
          <supported-method name="TRACE" />
          <supported-method name="UNLOCK" />
        </supported-method-set>
      </prop>
      <status>HTTP/1.1 200 OK</status>
    </propstat>
  </response>
</multistatus>
```

14a  $\langle$ test-http-rfc3744-5.1.1 14a $\rangle \equiv$

```
PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="jim",
  realm="users@example.com", nonce="...",
  uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:owner/>
  </D:prop>
</D:propfind>
```

14b  $\langle$ response-http-rfc3744-5.1.1 14b $\rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
```

14b  $\langle \text{response-http-rfc3744-5.1.1 } 14b \rangle \equiv$

```

    <D:prop>
      <D:owner>
        <D:href>http://www.example.com/acl/users/gstein</D:href>
      </D:owner>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>
</D:multistatus>

```

15a  $\langle \text{test-http-rfc3744-5.1.2 } 15a \rangle \equiv$

```

PROPPATCH /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="jim",
  realm="users@example.com", nonce="...",
  uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propertyupdate xmlns:D="DAV:">
  <D:set>
    <D:prop>
      <D:owner>
        <D:href>http://www.example.com/acl/users/jim</D:href>
      </D:owner>
    </D:prop>
  </D:set>
</D:propertyupdate>

```

15b  $\langle \text{response-http-rfc3744-5.1.2 } 15b \rangle \equiv$

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop><D:owner/></D:prop>
      <D:status>HTTP/1.1 403 Forbidden</D:status>
      <D:responsedescription>
        <D:error><D:cannot-modify-protected-property/></D:error>
        Failure to set protected property (DAV:owner)
      </D:responsedescription>
    </D:propstat>
  </D:response>
</D:multistatus>

```

15c  $\langle \text{test-http-rfc3744-5.3.1 } 15c \rangle \equiv$

```

PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="gclemm",
  realm="users@example.com", nonce="...",

```

15c `<test-http-rfc3744-5.3.1 15c>≡`

```
uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:supported-privilege-set/>
  </D:prop>
</D:propfind>
```

16 `<response-http-rfc3744-5.3.1 16>≡`

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop>
        <D:supported-privilege-set>
          <D:supported-privilege>
            <D:privilege><D:all/></D:privilege>
            <D:abstract/>
            <D:description xml:lang="en">
              Any operation
            </D:description>
          <D:supported-privilege>
            <D:privilege><D:read/></D:privilege>
            <D:description xml:lang="en">
              Read any object
            </D:description>
          <D:supported-privilege>
            <D:privilege><D:read-acl/></D:privilege>
            <D:abstract/>
            <D:description xml:lang="en">Read ACL</D:description>
          </D:supported-privilege>
          <D:supported-privilege>
            <D:privilege>
              <D:read-current-user-privilege-set/>
            </D:privilege>
            <D:abstract/>
            <D:description xml:lang="en">
              Read current user privilege set property
            </D:description>
          </D:supported-privilege>
        </D:supported-privilege>
      <D:supported-privilege>
        <D:privilege><D:write/></D:privilege>
        <D:description xml:lang="en">
          Write any object
        </D:description>
      <D:supported-privilege>
        <D:privilege><D:write-acl/></D:privilege>
        <D:description xml:lang="en">
          Write ACL
        </D:description>
        <D:abstract/>
      </D:supported-privilege>
    </D:supported-privilege>
  </D:supported-privilege>
  <D:supported-privilege>
    <D:privilege><D:write-properties/></D:privilege>
    <D:description xml:lang="en">
      Write properties
    </D:description>
  </D:supported-privilege>
```



16  $\langle \text{response-http-rfc3744-5.3.1 } 16 \rangle \equiv$

```

    </D:description>
  </D:supported-privilege>
  <D:supported-privilege>
    <D:privilege><D:write-content/></D:privilege>
    <D:description xml:lang="en">
      Write resource content
    </D:description>
  </D:supported-privilege>
</D:supported-privilege>
<D:supported-privilege>
  <D:privilege><D:unlock/></D:privilege>
  <D:description xml:lang="en">
    Unlock resource
  </D:description>
</D:supported-privilege>
</D:supported-privilege>
</D:supported-privilege-set>
</D:prop>
<D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>

```

17a  $\langle \text{test-http-rfc3744-5.4.1 } 17a \rangle \equiv$

```

PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="khare",
  realm="users@example.com", nonce="...",
  uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:current-user-privilege-set/>
  </D:prop>
</D:propfind>

```

17b  $\langle \text{response-http-rfc3744-5.4.1 } 17b \rangle \equiv$

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop>
        <D:current-user-privilege-set>
          <D:privilege><D:read/></D:privilege>
        </D:current-user-privilege-set>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

17c  $\langle \text{test-http-rfc3744-5.5.5 17c} \rangle \equiv$ 

```

PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="masinter",
    realm="users@example.com", nonce="...",
    uri="/papers/", response="...", opaque="..."

<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:acl/>
  </D:prop>
</D:propfind>

```

18a  $\langle \text{response-http-rfc3744-5.5.5 18a} \rangle \equiv$ 

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop>
        <D:acl>
          <D:ace>
            <D:principal>
              <D:href>
                >http://www.example.com/acl/groups/maintainers</D:href>
            </D:principal>
            <D:grant>
              <D:privilege><D:write/></D:privilege>
            </D:grant>
          </D:ace>
          <D:ace>
            <D:principal>
              <D:all/>
            </D:principal>
            <D:grant>
              <D:privilege><D:read/></D:privilege>
            </D:grant>
          </D:ace>
        </D:acl>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

18b  $\langle \text{test-http-rfc3744-5.6.5 18b} \rangle \equiv$ 

```

PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="srcarter",
    realm="users@example.com", nonce="...",
    uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>

```

18b  $\langle \text{test-http-rfc3744-5.6.5 } 18b \rangle \equiv$

```
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:acl-restrictions/>
  </D:prop>
</D:propfind>
```

19a  $\langle \text{response-http-rfc3744-5.6.5 } 19a \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop>
        <D:acl-restrictions>
          <D:grant-only/>
          <D:required-principal>
            <D:all/>
          </D:required-principal>
        </D:acl-restrictions>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

19b  $\langle \text{test-http-rfc3744-5.8.1 } 19b \rangle \equiv$

```
PROPFIND /papers/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="yarong",
  realm="users@example.com", nonce="...",
  uri="/papers/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:principal-collection-set/>
  </D:prop>
</D:propfind>
```

19c  $\langle \text{response-http-rfc3744-5.8.1 } 19c \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/papers/</D:href>
    <D:propstat>
      <D:prop>
        <D:principal-collection-set>
          <D:href>http://www.example.com/acl/users/</D:href>
          <D:href>http://www.example.com/acl/groups/</D:href>
```

19c `<response-http-rfc3744-5.8.1 19c>≡`

```

    </D:principal-collection-set>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

20a `<test-http-rfc3744-5.9 20a>≡`

```

PROPFIND /top/container/ HTTP/1.1
Host: www.example.com
Content-type: text/xml; charset="utf-8"
Content-Length: xxx
Depth: 0
Authorization: Digest username="ejw",
    realm="users@example.com", nonce="...",
    uri="/top/container/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:owner/>
    <D:supported-privilege-set/>
    <D:current-user-privilege-set/>
    <D:acl/>
  </D:prop>
</D:propfind>

```

20b `<response-http-rfc3744-5.9 20b>≡`

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:A="http://www.example.com/acl/">
  <D:response>
    <D:href>http://www.example.com/top/container/</D:href>
    <D:propstat>
      <D:prop>
        <D:owner>
          <D:href>http://www.example.com/users/gclemm</D:href>
        </D:owner>
        <D:supported-privilege-set>
          <D:supported-privilege>
            <D:privilege><D:all/></D:privilege>
            <D:abstract/>
            <D:description xml:lang="en">
              Any operation
            </D:description>
          </D:supported-privilege>
          <D:supported-privilege>
            <D:privilege><D:read/></D:privilege>
            <D:description xml:lang="en">
              Read any object
            </D:description>
          </D:supported-privilege>
          <D:supported-privilege>
            <D:privilege><D:write/></D:privilege>
            <D:abstract/>
            <D:description xml:lang="en">
              Write any object
            </D:description>
          </D:supported-privilege>
        </D:prop>
        <D:propstat>
          <D:status>HTTP/1.1 200 OK</D:status>
        </D:propstat>
      </D:prop>
    </D:response>
  </D:multistatus>

```

20b &lt;response-http-rfc3744-5.9 20b&gt;≡

```

    </D:description>
    <D:supported-privilege>
      <D:privilege><A:create/></D:privilege>
      <D:description xml:lang="en">
        Create an object
      </D:description>
    </D:supported-privilege>
    <D:supported-privilege>
      <D:privilege><A:update/></D:privilege>
      <D:description xml:lang="en">
        Update an object
      </D:description>
    </D:supported-privilege>
  </D:supported-privilege>
</D:supported-privilege>
<D:supported-privilege>
  <D:privilege><A:delete/></D:privilege>
  <D:description xml:lang="en">
    Delete an object
  </D:description>
</D:supported-privilege>
<D:supported-privilege>
  <D:privilege><D:read-acl/></D:privilege>
  <D:description xml:lang="en">
    Read the ACL
  </D:description>
</D:supported-privilege>
<D:supported-privilege>
  <D:privilege><D:write-acl/></D:privilege>
  <D:description xml:lang="en">
    Write the ACL
  </D:description>
</D:supported-privilege>
</D:supported-privilege>
</D:supported-privilege-set>
<D:current-user-privilege-set>
  <D:privilege><D:read/></D:privilege>
  <D:privilege><D:read-acl/></D:privilege>
</D:current-user-privilege-set>
<D:acl>
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/esedlar</D:href>
    </D:principal>
    <D:grant>
      <D:privilege><D:read/></D:privilege>
      <D:privilege><D:write/></D:privilege>
      <D:privilege><D:read-acl/></D:privilege>
    </D:grant>
  </D:ace>
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/groups/mrktng</D:href>
    </D:principal>
    <D:deny>
      <D:privilege><D:read/></D:privilege>
    </D:deny>
  </D:ace>
  <D:ace>
    <D:principal>
      <D:property><D:owner/></D:property>
    </D:principal>
    <D:grant>
      <D:privilege><D:read-acl/></D:privilege>
      <D:privilege><D:write-acl/></D:privilege>

```

20b  $\langle \text{response-http-rfc3744-5.9 20b} \rangle \equiv$

```

    </D:grant>
  </D:ace>
  <D:ace>
    <D:principal><D:all/></D:principal>
    <D:grant>
      <D:privilege><D:read/></D:privilege>
    </D:grant>
    <D:inherited>
      <D:href>http://www.example.com/top</D:href>
    </D:inherited>
  </D:ace>
</D:acl>
</D:prop>
<D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>

```

22a  $\langle \text{test-http-rfc3744-7.1.1 22a} \rangle \equiv$

```

MOVE /a/b/ HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/c/d

```

22b  $\langle \text{response-http-rfc3744-7.1.1 22b} \rangle \equiv$

```

HTTP/1.1 403 Forbidden
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<D:error xmlns:D="DAV:">
  <D:need-privileges>
    <D:resource>
      <D:href>/a</D:href>
      <D:privilege><D:unbind/></D:privilege>
    </D:resource>
    <D:resource>
      <D:href>/c</D:href>
      <D:privilege><D:bind/></D:privilege>
    </D:resource>
  </D:need-privileges>
</D:error>

```

22c  $\langle \text{test-http-rfc3744-7.2.1 22c} \rangle \equiv$

```

OPTIONS /foo.html HTTP/1.1
Host: www.example.com
Content-Length: 0

```

22d  $\langle \text{response-http-rfc3744-7.2.1 22d} \rangle \equiv$

```

HTTP/1.1 200 OK
DAV: 1, 2, access-control
Allow: OPTIONS, GET, PUT, PROPFIND, PROPPATCH, ACL

```

22e  $\langle \text{test-http-rfc3744-8.1.2 22e} \rangle \equiv$

```

ACL /top/container/ HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="fielding",

```

22e `<test-http-rfc3744-8.1.2 22e>≡`

```

    realm="users@example.com", nonce="...",
    uri="/top/container/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:acl xmlns:D="DAV: ">
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/esedlar</D:href>
    </D:principal>
    <D:grant>
      <D:privilege><D:read/></D:privilege>
      <D:privilege><D:write/></D:privilege>
    </D:grant>
  </D:ace>
  <D:ace>
    <D:principal>
      <D:property><D:owner/></D:property>
    </D:principal>
    <D:grant>
      <D:privilege><D:read-acl/></D:privilege>
      <D:privilege><D:write-acl/></D:privilege>
    </D:grant>
  </D:ace>
  <D:ace>
    <D:principal><D:all/></D:principal>
    <D:grant>
      <D:privilege><D:read/></D:privilege>
    </D:grant>
  </D:ace>
</D:acl>

```

23a `<response-http-rfc3744-8.1.2 23a>≡`

```

HTTP/1.1 200 OK

```

23b `<test-http-rfc3744-8.1.3 23b>≡`

```

ACL /top/container/ HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="fielding",
    realm="users@example.com", nonce="...",
    uri="/top/container/", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:acl xmlns:D="DAV: ">
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/esedlar</D:href>
    </D:principal>
    <D:deny>
      <D:privilege><D:write/></D:privilege>
    </D:deny>
  </D:ace>
</D:acl>

```

23c `<response-http-rfc3744-8.1.3 23c>≡`

```

HTTP/1.1 403 Forbidden
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

```

23c *<response-http-rfc3744-8.1.3 23c>*≡

```
<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:no-protected-ace-conflict/>
</D:error>
```

24a *<test-http-rfc3744-8.1.4 24a>*≡

```
ACL /top/index.html HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="ejw",
  realm="users@example.com", nonce="...",
  uri="/top/index.html", response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:acl xmlns:D="DAV:" xmlns:F="http://www.example.com/privs/">
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/ejw</D:href>
    </D:principal>
    <D:grant><D:privilege><D:write/></D:privilege></D:grant>
  </D:ace>
</D:acl>
```

24b *<response-http-rfc3744-8.1.4 24b>*≡

```
HTTP/1.1 403 Forbidden
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:no-inherited-ace-conflict/>
</D:error>
```

24c *<test-http-rfc3744-8.1.5 24c>*≡

```
ACL /diamond/engagement-ring.gif HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="ygoland",
  realm="users@example.com", nonce="...",
  uri="/diamond/engagement-ring.gif", response="...",
  opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:acl xmlns:D="DAV:">
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/friends</D:href>
    </D:principal>
    <D:grant><D:privilege><D:read/></D:privilege></D:grant>
  </D:ace>
  <D:ace>
    <D:principal>
      <D:href>http://www.example.com/users/ygoland-so</D:href>
    </D:principal>
    <D:deny><D:privilege><D:read/></D:privilege></D:deny>
  </D:ace>
</D:acl>
```



25a  $\langle \text{response-http-rfc3744-8.1.5 25a} \rangle \equiv$

```
HTTP/1.1 400 Bad Request
Content-Length: 0
```

25b  $\langle \text{test-http-rfc3744-9.2.1 25b} \rangle \equiv$

```
REPORT /index.html HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Depth: 0

<?xml version="1.0" encoding="utf-8" ?>
<D:acl-principal-prop-set xmlns:D="DAV:">
  <D:prop>
    <D:displayname/>
  </D:prop>
</D:acl-principal-prop-set>
```

25c  $\langle \text{response-http-rfc3744-9.2.1 25c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/people/gstein</D:href>
    <D:propstat>
      <D:prop>
        <D:displayname>Greg Stein</D:displayname>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://www.example.com/groups/authors</D:href>
    <D:propstat>
      <D:prop>
        <D:displayname>Site authors</D:displayname>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

25d  $\langle \text{test-http-rfc3744-9.3.1 25d} \rangle \equiv$

```
REPORT /doc/ HTTP/1.1
Host: www.example.com
Authorization: Digest username="gclemm",
  realm="users@example.com", nonce="...",
  uri="/papers/", response="...", opaque="..."
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx
Depth: 0

<?xml version="1.0" encoding="utf-8" ?>
<D:principal-match xmlns:D="DAV:">
  <D:principal-property>
    <D:owner/>
```

25d  $\langle \text{test-http-rfc3744-9.3.1 25d} \rangle \equiv$

```
</D:principal-property>
</D:principal-match>
```

26a  $\langle \text{response-http-rfc3744-9.3.1 26a} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/doc/foo.html</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
  <D:response>
    <D:href>http://www.example.com/doc/img/bar.gif</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
</D:multistatus>
```

26b  $\langle \text{test-http-rfc3744-9.4.2 26b} \rangle \equiv$

```
REPORT /users/ HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset=utf-8
Content-Length: xxxx
Depth: 0

<?xml version="1.0" encoding="utf-8" ?>
<D:principal-property-search xmlns:D="DAV:">
  <D:property-search>
    <D:prop>
      <D:displayname/>
    </D:prop>
    <D:match>doE</D:match>
  </D:property-search>
  <D:property-search>
    <D:prop xmlns:B="http://www.example.com/ns/">
      <B:title/>
    </D:prop>
    <D:match>Sales</D:match>
  </D:property-search>
  <D:prop xmlns:B="http://www.example.com/ns/">
    <D:displayname/>
    <B:department/>
    <B:phone/>
    <B:office/>
    <B:salary/>
  </D:prop>
</D:principal-property-search>
```

26c  $\langle \text{response-http-rfc3744-9.4.2 26c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset=utf-8
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:" xmlns:B="http://BigCorp.com/ns/">
  <D:response>
    <D:href>http://www.example.com/users/jdoe</D:href>
    <D:propstat>
```

26c `<response-http-rfc3744-9.4.2 26c>≡`

```

    <D:prop>
      <D:displayname>John Doe</D:displayname>
      <B:department>Widget Sales</B:department>
      <B:phone>234-4567</B:phone>
      <B:office>209</B:office>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  <D:propstat>
    <D:prop>
      <B:salary/>
    </D:prop>
    <D:status>HTTP/1.1 403 Forbidden</D:status>
  </D:propstat>
</D:response>
<D:response>
  <D:href>http://www.example.com/users/zsmith</D:href>
  <D:propstat>
    <D:prop>
      <D:displayname>Zygdobert Smith</D:displayname>
      <B:department>Gadget Sales</B:department>
      <B:phone>234-7654</B:phone>
      <B:office>114</B:office>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  <D:propstat>
    <D:prop>
      <B:salary/>
    </D:prop>
    <D:status>HTTP/1.1 403 Forbidden</D:status>
  </D:propstat>
</D:response>
</D:multistatus>

```

27a `<test-http-rfc3744-9.5.1 27a>≡`

```

REPORT /users/ HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx
Accept-Language: en, de
Authorization: BASIC d2FubmFtYW56cGFzc3dvcnQ=
Depth: 0

<?xml version="1.0" encoding="utf-8" ?>
<D:principal-search-property-set xmlns:D="DAV:"/>

```

27b `<response-http-rfc3744-9.5.1 27b>≡`

```

HTTP/1.1 200 OK
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:principal-search-property-set xmlns:D="DAV:">
  <D:principal-search-property>
    <D:prop>
      <D:displayname/>
    </D:prop>
    <D:description xml:lang="en">Full name</D:description>
  </D:principal-search-property>
</D:principal-search-property>

```

27b *<response-http-rfc3744-9.5.1 27b>*≡

```
<D:prop xmlns:B="http://BigCorp.com/ns/">
  <B:title/>
</D:prop>
<D:description xml:lang="en">Job title</D:description>
</D:principal-search-property>
</D:principal-search-property-set>
```

28a *<test-http-rfc4316-4.1 28a>*≡

```
PROPPATCH /bar.html HTTP/1.1
Host: example.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propertyupdate xmlns:D="DAV:"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:set>
    <D:prop>
      <Z:released xsi:type="xs:boolean">false</Z:released>
    </D:prop>
  </D:set>
</D:propertyupdate>
```

28b *<response-http-rfc4316-4.1 28b>*≡

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:response>
    <D:href>http://example.org/bar.html</D:href>
    <D:propstat>
      <D:prop><Z:released xsi:type="xs:boolean" /></D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

28c *<test-http-rfc4316-4.2 28c>*≡

```
PROPPATCH /bar.html HTTP/1.1
Host: example.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propertyupdate xmlns:D="DAV:"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:set>
    <D:prop>
      <Z:released xsi:type="xs:boolean">t</Z:released>
    </D:prop>
  </D:set>
```

28c  $\langle \text{test-http-rfc4316-4.2 28c} \rangle \equiv$

```
</D:propertyupdate>
```

29a  $\langle \text{response-http-rfc4316-4.2 29a} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:response>
    <D:href>http://example.org/bar.html</D:href>
    <D:propstat>
      <D:prop><Z:released/></D:prop>
      <D:status>HTTP/1.1 422 Unprocessable Entity</D:status>
      <D:responsedescription>
        Does not parse as xs:boolean
      </D:responsedescription>
    </D:propstat>
  </D:response>
</D:multistatus>
```

29b  $\langle \text{test-http-rfc4316-4.3 29b} \rangle \equiv$

```
PROPPATCH /bar.html HTTP/1.1
Host: example.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propertyupdate xmlns:D="DAV: "
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:set>
    <D:prop>
      <Z:released xsi:type="Z:custom">t</Z:released>
    </D:prop>
  </D:set>
</D:propertyupdate>
```

29c  $\langle \text{response-http-rfc4316-4.3 29c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:response>
    <D:href>http://example.org/bar.html</D:href>
    <D:propstat>
      <D:prop><Z:released/></D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

29d  $\langle \text{test-http-rfc4316-5.1 29d} \rangle \equiv$

```
PROPFIND /bar.html HTTP/1.1
Host: example.org
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:"
  xmlns:Z="http://ns.example.org/standards/z39.50">
  <D:prop>
    <D:getcontenttype/>
    <Z:released/>
  </D:prop>
</D:propfind>
```

30a  $\langle \text{response-http-rfc4316-5.1 30a} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:Z="http://ns.example.org/standards/z39.50"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <D:response>
    <D:href>http://example.org/bar.html</D:href>
    <D:propstat>
      <D:prop>
        <D:getcontenttype>text/html</D:getcontenttype>
        <Z:released xsi:type="xs:boolean">1</Z:released>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

30b  $\langle \text{test-http-rfc4331-5 30b} \rangle \equiv$

```
PROPFIND /~milele/public/ HTTP/1.1
Depth: 0
Host: www.example.com
Content-Type: text/xml
Content-Length: xxx

<?xml version="1.0" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:quota-available-bytes/>
    <D:quota-used-bytes/>
  </D:prop>
</D:propfind>
```

30c  $\langle \text{response-http-rfc4331-5 30c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Date: Tue, 16 Oct 2001 22:13:39 GMT
Content-Length: xxx
Content-Type: text/xml; charset=UTF-8

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
```

30c  $\langle \text{response-http-rfc4331-5 30c} \rangle \equiv$

```
<D:response>
  <D:href>http://www.example.com/~milele/public/</D:href>
  <D:propstat>
    <D:prop>
      <D:quota-available-bytes>596650</D:quota-available-bytes>
      <D:quota-used-bytes>403350</D:quota-used-bytes>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>
</D:multistatus>
```

31a  $\langle \text{test-http-rfc4331-6 31a} \rangle \equiv$

```
PUT /x HTTP/1.1
Host: www.example.com
Content-Length: xxx

xxxxxxxxxx
```

31b  $\langle \text{response-http-rfc4331-6 31b} \rangle \equiv$

```
HTTP/1.1 507 Insufficient Storage
Content-Length: xxx
Content-Type: text/xml

<?xml version="1.0">
<error xmlns="DAV:">
  <quota-not-exceeded/>
</error>
```

31c  $\langle \text{test-http-rfc4437-6.1 31c} \rangle \equiv$

```
MKREDIRECTREF /~whitehead/dav/spec08.ref HTTP/1.1
Host: www.example.com
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkredirectref xmlns:D="DAV:">
  <D:reftarget>
    <D:href>/i-d/draft-webdav-protocol-08.txt</D:href>
  </D:reftarget>
</D:mkredirectref>
```

31d  $\langle \text{response-http-rfc4331-6.1 31d} \rangle \equiv$

```
HTTP/1.1 201 Created
```

31e  $\langle \text{test-http-rfc4331-7.1 31e} \rangle \equiv$

```
UPDATEREDIRECTREF /~whitehead/dav/spec08.ref HTTP/1.1
Host: www.example.com
Apply-To-Redirect-Ref: T
Content-Type: text/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0" encoding="utf-8" ?>
<D:updateredirectref xmlns:D="DAV:">
  <D:reftarget>
    <D:href>/i-d/draft-webdav-protocol-08b.txt</D:href>
  </D:reftarget>
```

31e  $\langle$ test-http-rfc4331-7.1 31e $\rangle \equiv$

```
</D:updateredirectref>
```

32a  $\langle$ response-http-rfc4331-7.1 32a $\rangle \equiv$

```
HTTP/1.1 200 OK
```

32b  $\langle$ test-http-rfc4331-8.1 32b $\rangle \equiv$

```
PROPFIND /MyCollection/ HTTP/1.1
Host: example.com
Depth: infinity
Apply-To-Redirect-Ref: F
Content-Type: text/xml
Content-Length: xxxx

<?xml version="1.0" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop xmlns:J="http://example.com/jsprops/">
    <D:resourcetype/>
    <J:keywords/>
  </D:prop>
</D:propfind>
```

32c  $\langle$ response-http-rfc4331-8.1 32c $\rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml
Content-Length: xxxx

<?xml version="1.0" ?>
<D:multistatus xmlns:D="DAV:" xmlns:J="http://example.com/jsprops/">
  <D:response>
    <D:href>/MyCollection/</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype><D:collection/></D:resourcetype>
        <J:keywords>diary, interests, hobbies</J:keywords>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/MyCollection/diary.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype/>
        <J:keywords>diary, travel, family, history</J:keywords>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/MyCollection/nunavut</D:href>
    <D:status>HTTP/1.1 302 Found</D:status>
    <D:location>
      <D:href>http://example.ca/art/inuit/</D:href>
    </D:location>
  </D:response>
</D:multistatus>
```



32d  $\langle \text{test-http-rfc4331-8.2 32d} \rangle \equiv$

```
PROPFIND /MyCollection/ HTTP/1.1
Host: example.com
Depth: infinity
Apply-To-Redirect-Ref: T
Content-Type: text/xml
Content-Length: xxxx

<?xml version="1.0" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:resourcetype/>
    <D:reftarget/>
    <D:redirect-lifetime/>
  </D:prop>
</D:propfind>
```

33  $\langle \text{response-http-rfc4331-8.2 33} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml
Content-Length: xxxx

<?xml version="1.0" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>/MyCollection/</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype><D:collection/></D:resourcetype>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop>
        <D:reftarget/>
        <D:redirect-lifetime/>
      </D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/MyCollection/diary.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype/>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop>
        <D:reftarget/>
        <D:redirect-lifetime/>
      </D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/MyCollection/nunavut</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype><D:redirectref/></D:resourcetype>
        <D:reftarget>
          <D:href>http://example.ca/art/inuit/</D:href>
        </D:reftarget>
      </D:prop>
    </D:propstat>
  </D:response>
</D:multistatus>
```

33  $\langle \text{response-http-rfc4331-8.2 33} \rangle \equiv$

```

    </D:reftarget>
    <D:redirect-lifetime><D:temporary/></D:redirect-lifetime>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>
</D:multistatus>

```

34a  $\langle \text{test-http-rfc4331-10.1 34a} \rangle \equiv$

```

PROPFIND /geog/ HTTP/1.1
Host: example.com
Apply-To-Redirect-Ref: T
Depth: 1
Content-Type: text/xml
Content-Length: nnn

<?xml version="1.0" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop>
    <D:resourcetype/>
    <D:reftarget/>
  </D:prop>
</D:propfind>

```

34b  $\langle \text{response-http-rfc4331-10.1 34b} \rangle \equiv$

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml
Content-Length: nnn

<?xml version="1.0" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>/geog/</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype><D:collection/></D:resourcetype>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop><D:reftarget/></D:prop>
      <D:status>HTTP/1.1 404 Not Found</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/geog/stats.html</D:href>
    <D:propstat>
      <D:prop>
        <D:resourcetype><D:redirectref/></D:resourcetype>
        <D:reftarget>
          <D:href>statistics/population/1997.html</D:href>
        </D:reftarget>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

34c *<test-http-rfc4331-16.1 34c>*≡

```
OPTIONS /somecollection/someresource HTTP/1.1
Host: example.org
```

35a *<response-http-rfc4331-16.1 35a>*≡

```
HTTP/1.1 200 OK
Allow: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, COPY, MOVE
Allow: MKCOL, PROPFIND, PROPPATCH, LOCK, UNLOCK, MKREDIRECTREF
DAV: 1, 2, redirectrefs
```

35b *<test-http-rfc4709-4a 35b>*≡

```
GET /user42/inbox/ HTTP/1.1
Host: www.example.com
```

35c *<response-http-rfc4709-4a 35c>*≡

```
HTTP/1.1 200 OK
Content-Type: text/html
Content-Length: xxx

..
<a href="?action=davmount">View this collection in your
WebDAV client</a>
..
```

35d *<test-http-rfc4709-4b 35d>*≡

```
GET /user42/inbox/?action=davmount HTTP/1.1
Host: www.example.com
```

35e *<response-http-rfc4709-4b 35e>*≡

```
HTTP/1.1 200 OK
Content-Type: application/davmount+xml
Content-Length: xxx
Cache-Control: private

<dm:mount xmlns:dm="http://purl.org/NET/webdav/mount">
  <dm:url>http://www.example.com/user42/</dm:url>
  <dm:open>inbox/</dm:open>
</dm:mount>
```

35f *<test-http-rfc4918-7.5.1 35f>*≡

```
COPY /locked/member/index.html HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/users/f/fielding/index.html
If: <http://www.example.com/users/f/fielding/index.html>
  (<urn:uuid:f81d4fae-7dec-11d0-a765-00a0c91e6bf6>)
If: (<urn:uuid:150852e2-3847-42d5-8cbe-0f4f296f26cf>)
If: <http://www.example.com/locked/>
  (<urn:uuid:150852e2-3847-42d5-8cbe-0f4f296f26cf>)
If: <http://www.example.com/locked/member>
  (<urn:uuid:150852e2-3847-42d5-8cbe-0f4f296f26cf>)
```

35g *<response-http-rfc4918-7.5.1 35g>*≡

```
HTTP/1.1 204 No Content
```

36a  $\langle \text{test-http-rfc4918-7.5.2 36a} \rangle \equiv$

```
DELETE /locked/member HTTP/1.1
Host: example.com
```

36b  $\langle \text{response-http-rfc4918-7.5.2 36b} \rangle \equiv$

```
HTTP/1.1 423 Locked
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:lock-token-submitted>
    <D:href>/locked/</D:href>
  </D:lock-token-submitted>
</D:error>
```

36c  $\langle \text{test-http-rfc4918-9.1.3 36c} \rangle \equiv$

```
PROPFIND /file HTTP/1.1
Host: www.example.com
Content-type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop xmlns:R="http://ns.example.com/boxschema/">
    <R:bigbox/>
    <R:author/>
    <R:DingALing/>
    <R:Random/>
  </D:prop>
</D:propfind>
```

36d  $\langle \text{response-http-rfc4918-9.1.3 36d} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response xmlns:R="http://ns.example.com/boxschema/">
    <D:href>http://www.example.com/file</D:href>
    <D:propstat>
      <D:prop>
        <R:bigbox>
          <R:BoxType>Box type A</R:BoxType>
        </R:bigbox>
        <R:author>
          <R:Name>J.J. Johnson</R:Name>
        </R:author>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
    <D:propstat>
      <D:prop><R:DingALing/><R:Random/></D:prop>
      <D:status>HTTP/1.1 403 Forbidden</D:status>
      <D:responsedescription>The user does not have access to the
      DingALing property.
```

36d `<response-http-rfc4918-9.1.3 36d>≡`

```

    </D:responsedescription>
  </D:propstat>
</D:response>
<D:responsedescription> There has been an access violation error.
</D:responsedescription>
</D:multistatus>

```

37a `<test-http-rfc4918-9.1.4 37a>≡`

```

PROPFIND /container/ HTTP/1.1
Host: www.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<propfind xmlns="DAV:">
  <propname/>
</propfind>

```

37b `<response-http-rfc4918-9.1.4 37b>≡`

```

HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<multistatus xmlns="DAV:">
  <response>
    <href>http://www.example.com/container/</href>
    <propstat>
      <prop xmlns:R="http://ns.example.com/boxschema/">
        <R:bigbox/>
        <R:author/>
        <creationdate/>
        <displayname/>
        <resourcetype/>
        <supportedlock/>
      </prop>
      <status>HTTP/1.1 200 OK</status>
    </propstat>
  </response>
  <response>
    <href>http://www.example.com/container/front.html</href>
    <propstat>
      <prop xmlns:R="http://ns.example.com/boxschema/">
        <R:bigbox/>
        <creationdate/>
        <displayname/>
        <getcontentlength/>
        <getcontenttype/>
        <getetag/>
        <getlastmodified/>
        <resourcetype/>
        <supportedlock/>
      </prop>
      <status>HTTP/1.1 200 OK</status>
    </propstat>
  </response>
</multistatus>

```

37c <test-http-rfc4918-9.1.5 37c>≡

```
PROPFIND /container/ HTTP/1.1
Host: www.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:allprop/>
</D:propfind>
```

38 <response-http-rfc4918-9.1.5 38>≡

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>/container/</D:href>
    <D:propstat>
      <D:prop xmlns:R="http://ns.example.com/boxschema/">
        <R:bigbox><R:BoxType>Box type A</R:BoxType></R:bigbox>
        <R:author><R:Name>Hadrian</R:Name></R:author>
        <D:creationdate>1997-12-01T17:42:21-08:00</D:creationdate>
        <D:displayname>Example collection</D:displayname>
        <D:resourcetype><D:collection/></D:resourcetype>
        <D:supportedlock>
          <D:lockentry>
            <D:lockscope><D:exclusive/></D:lockscope>
            <D:locktype><D:write/></D:locktype>
          </D:lockentry>
          <D:lockentry>
            <D:lockscope><D:shared/></D:lockscope>
            <D:locktype><D:write/></D:locktype>
          </D:lockentry>
        </D:supportedlock>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>/container/front.html</D:href>
    <D:propstat>
      <D:prop xmlns:R="http://ns.example.com/boxschema/">
        <R:bigbox><R:BoxType>Box type B</R:BoxType></R:bigbox>
        <D:creationdate>1997-12-01T18:27:21-08:00</D:creationdate>
        <D:displayname>Example HTML resource</D:displayname>
        <D:getcontentlength>4525</D:getcontentlength>
        <D:getcontenttype>text/html</D:getcontenttype>
        <D:getetag>"zyzzyzx"</D:getetag>
        <D:getlastmodified>
          >Mon, 12 Jan 1998 09:25:56 GMT</D:getlastmodified>
        <D:resourcetype/>
        <D:supportedlock>
          <D:lockentry>
            <D:lockscope><D:exclusive/></D:lockscope>
            <D:locktype><D:write/></D:locktype>
          </D:lockentry>
          <D:lockentry>
            <D:lockscope><D:shared/></D:lockscope>
          </D:lockentry>
        </D:supportedlock>
      </D:prop>
    </D:propstat>
  </D:response>
</D:multistatus>
```

38 `<response-http-rfc4918-9.1.5 38>≡`

```

    <D:locktype><D:write/></D:locktype>
  </D:lockentry>
</D:supportedlock>
</D:prop>
<D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>

```

39a `<test-http-rfc4918-9.1.6 39a>≡`

```

PROPFIND /mycol/ HTTP/1.1
Host: www.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:allprop/>
  <D:include>
    <D:supported-live-property-set/>
    <D:supported-report-set/>
  </D:include>
</D:propfind>

```

39b `<response-http-rfc4918-9.1.6 39b>≡`

```


```

39c `<test-http-rfc4918-9.2.2 39c>≡`

```

PROPPATCH /bar.html HTTP/1.1
Host: www.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:propertyupdate xmlns:D="DAV:"
  xmlns:Z="http://ns.example.com/standards/z39.50/">
  <D:set>
    <D:prop>
      <Z:Authors>
        <Z:Author>Jim Whitehead</Z:Author>
        <Z:Author>Roy Fielding</Z:Author>
      </Z:Authors>
    </D:prop>
  </D:set>
  <D:remove>
    <D:prop><Z:Copyright-Owner/></D:prop>
  </D:remove>
</D:propertyupdate>

```

39d `<response-http-rfc4918-9.2.2 39d>≡`

```

HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"

```

39d  $\langle$ response-http-rfc4918-9.2.2 39d $\rangle \equiv$

```

    xmlns:z="http://ns.example.com/standards/z39.50/"
    <D:response>
      <D:href>http://www.example.com/bar.html</D:href>
      <D:propstat>
        <D:prop><Z:Authors/></D:prop>
        <D:status>HTTP/1.1 424 Failed Dependency</D:status>
      </D:propstat>
      <D:propstat>
        <D:prop><Z:Copyright-Owner/></D:prop>
        <D:status>HTTP/1.1 409 Conflict</D:status>
      </D:propstat>
      <D:responsedescription> Copyright Owner cannot be deleted or
        altered.</D:responsedescription>
    </D:response>
  </D:multistatus>

```

40a  $\langle$ test-http-rfc4918-9.3.2 40a $\rangle \equiv$

```

MKCOL /webdisc/xfiles/ HTTP/1.1
Host: www.example.com

```

40b  $\langle$ response-http-rfc4918-9.3.2 40b $\rangle \equiv$

```

HTTP/1.1 201 Created

```

40c  $\langle$ test-http-rfc4918-9.6.2 40c $\rangle \equiv$

```

DELETE /container/ HTTP/1.1
Host: www.example.com

```

40d  $\langle$ response-http-rfc4918-9.6.2 40d $\rangle \equiv$

```

HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<d:multistatus xmlns:d="DAV:">
  <d:response>
    <d:href>http://www.example.com/container/resource3</d:href>
    <d:status>HTTP/1.1 423 Locked</d:status>
    <d:error><d:lock-token-submitted/></d:error>
  </d:response>
</d:multistatus>

```

40e  $\langle$ test-http-rfc4918-9.8.6 40e $\rangle \equiv$

```

COPY /~fielding/index.html HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/users/f/fielding/index.html

```

40f  $\langle$ response-http-rfc4918-9.8.6 40f $\rangle \equiv$

```

HTTP/1.1 204 No Content

```

40g  $\langle$ test-http-rfc4918-9.8.7 40g $\rangle \equiv$

```

COPY /~fielding/index.html HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/users/f/fielding/index.html
Overwrite: F

```



41a  $\langle \text{response-http-rfc4918-9.8.7 41a} \rangle \equiv$

```
HTTP/1.1 412 Precondition Failed
```

41b  $\langle \text{test-http-rfc4918-9.8.8 41b} \rangle \equiv$

```
COPY /container/ HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/othercontainer/
Depth: infinity
```

41c  $\langle \text{response-http-rfc4918-9.8.8 41c} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>

<d:multistatus xmlns:d="DAV:">
  <d:response>
    <d:href>http://www.example.com/othercontainer/R2/</d:href>
    <d:status>HTTP/1.1 423 Locked</d:status>
    <d:error><d:lock-token-submitted/></d:error>
  </d:response>
</d:multistatus>
```

41d  $\langle \text{test-http-rfc4918-9.9.5 41d} \rangle \equiv$

```
MOVE /~fielding/index.html HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/users/f/fielding/index.html
```

41e  $\langle \text{response-http-rfc4918-9.9.5 41e} \rangle \equiv$

```
HTTP/1.1 201 Created
Location: http://www.example.com/users/f/fielding/index.html
```

41f  $\langle \text{test-http-rfc4918-9.9.6 41f} \rangle \equiv$

```
MOVE /container/ HTTP/1.1
Host: www.example.com
Destination: http://www.example.com/othercontainer/
Overwrite: F
If: (<urn:uuid:fe184f2e-6eec-41d0-c765-01adc56e6bb4>)
    (<urn:uuid:e454f3f3-acdc-452a-56c7-00a5c91e4b77>)
```

41g  $\langle \text{response-http-rfc4918-9.9.6 41g} \rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<d:multistatus xmlns:d="DAV:">
  <d:response>
    <d:href>http://www.example.com/othercontainer/C2/</d:href>
    <d:status>HTTP/1.1 423 Locked</d:status>
    <d:error><d:lock-token-submitted/></d:error>
  </d:response>
</d:multistatus>
```

42a *<test-http-rfc4918-9.10.7 42a>*≡

```
LOCK /workspace/webdav/proposal.doc HTTP/1.1
Host: example.com
Timeout: Infinite, Second-4100000000
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="ejw",
    realm="ejw@example.com", nonce="...",
    uri="/workspace/webdav/proposal.doc",
    response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:lockinfo xmlns:D='DAV:'>
  <D:lockscope><D:exclusive/></D:lockscope>
  <D:locktype><D:write/></D:locktype>
  <D:owner>
    <D:href>http://example.org/~ejw/contact.html</D:href>
  </D:owner>
</D:lockinfo>
```

42b *<response-http-rfc4918-9.10.7 42b>*≡

```
HTTP/1.1 200 OK
Lock-Token: <urn:uuid:e71d4fae-5dec-22d6-fea5-00a0c91e6be4>
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:prop xmlns:D="DAV:">
  <D:lockdiscovery>
    <D:activelock>
      <D:locktype><D:write/></D:locktype>
      <D:lockscope><D:exclusive/></D:lockscope>
      <D:depth>infinity</D:depth>
      <D:owner>
        <D:href>http://example.org/~ejw/contact.html</D:href>
      </D:owner>
      <D:timeout>Second-604800</D:timeout>
      <D:locktoken>
        <D:href>
          >urn:uuid:e71d4fae-5dec-22d6-fea5-00a0c91e6be4</D:href>
        </D:locktoken>
      <D:lockroot>
        <D:href>
          >http://example.com/workspace/webdav/proposal.doc</D:href>
        </D:lockroot>
      </D:activelock>
    </D:lockdiscovery>
  </D:prop>
```

42c *<test-http-rfc4918-9.10.8 42c>*≡

```
LOCK /workspace/webdav/proposal.doc HTTP/1.1
Host: example.com
Timeout: Infinite, Second-4100000000
If: (<urn:uuid:e71d4fae-5dec-22d6-fea5-00a0c91e6be4>)
Authorization: Digest username="ejw",
    realm="ejw@example.com", nonce="...",
    uri="/workspace/webdav/proposal.doc",
    response="...", opaque="..."
```

42d <response-http-rfc4918-9.10.8 42d>≡

```
HTTP/1.1 200 OK
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:prop xmlns:D="DAV:">
  <D:lockdiscovery>
    <D:activelock>
      <D:locktype><D:write/></D:locktype>
      <D:lockscope><D:exclusive/></D:lockscope>
      <D:depth>infinity</D:depth>
      <D:owner>
        <D:href>http://example.org/~ejw/contact.html</D:href>
      </D:owner>
      <D:timeout>Second-604800</D:timeout>
      <D:locktoken>
        <D:href>
          >urn:uuid:e71d4fae-5dec-22d6-fea5-00a0c91e6be4</D:href>
        </D:locktoken>
      <D:lockroot>
        <D:href>
          >http://example.com/workspace/webdav/proposal.doc</D:href>
        </D:lockroot>
      </D:activelock>
    </D:lockdiscovery>
  </D:prop>
```

43a <test-http-rfc4918-9.10.9 43a>≡

```
LOCK /webdav/ HTTP/1.1
Host: example.com
Timeout: Infinite, Second-4100000000
Depth: infinity
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx
Authorization: Digest username="ejw",
  realm="ejw@example.com", nonce="...",
  uri="/workspace/webdav/proposal.doc",
  response="...", opaque="..."

<?xml version="1.0" encoding="utf-8" ?>
<D:lockinfo xmlns:D="DAV:">
  <D:locktype><D:write/></D:locktype>
  <D:lockscope><D:exclusive/></D:lockscope>
  <D:owner>
    <D:href>http://example.org/~ejw/contact.html</D:href>
  </D:owner>
</D:lockinfo>
```

43b <response-http-rfc4918-9.10.9 43b>≡

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://example.com/webdav/secret</D:href>
    <D:status>HTTP/1.1 403 Forbidden</D:status>
  </D:response>
  <D:response>
    <D:href>http://example.com/webdav/</D:href>
```

43b  $\langle \text{response-http-rfc4918-9.10.9 43b} \rangle \equiv$

```
<D:status>HTTP/1.1 424 Failed Dependency</D:status>
</D:response>
</D:multistatus>
```

44a  $\langle \text{test-http-rfc4918-9.11.2 44a} \rangle \equiv$

```
UNLOCK /workspace/webdav/info.doc HTTP/1.1
Host: example.com
Lock-Token: <urn:uuid:a515cfa4-5da4-22e1-f5b5-00a0451e6bf7>
Authorization: Digest username="ejw"
  realm="ejw@example.com", nonce="...",
  uri="/workspace/webdav/proposal.doc",
  response="...", opaque="..."
```

44b  $\langle \text{response-http-rfc4918-9.11.2 44b} \rangle \equiv$

```
HTTP/1.1 204 No Content
```

44c  $\langle \text{test-http-rfc4918-10.4.9 44c} \rangle \equiv$

```
COPY /resource1 HTTP/1.1
Host: www.example.com
Destination: /resource2
If: </resource1>
  (<urn:uuid:181d4fae-7d8c-11d0-a765-00a0c91e6bf2>
   [W/"A weak ETag"]) ([ "strong ETag"])
```

44d  $\langle \text{response-http-rfc4918-10.4.9 44d} \rangle \equiv$

```
HTTP/1.1 423 Locked
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error xmlns:D="DAV:">
  <D:lock-token-submitted>
    <D:href>/workspace/webdav/</D:href>
  </D:lock-token-submitted>
</D:error>
```

44e  $\langle \text{test-http-rfc4918-10.4.10 44e} \rangle \equiv$

```
DELETE /specs/rfc2518.txt HTTP/1.1
Host: www.example.com
If: <http://www.example.com/specs/>
  (<urn:uuid:181d4fae-7d8c-11d0-a765-00a0c91e6bf2>)
```

44f  $\langle \text{response-http-rfc4918-10.4.10 44f} \rangle \equiv$

44g  $\langle \text{test-http-rfc4918-15.8.1 44g} \rangle \equiv$

```
PROPFIND /container/ HTTP/1.1
Host: www.example.com
Content-Length: xxxx
Content-Type: application/xml; charset="utf-8"

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
```

44g `<test-http-rfc4918-15.8.1 44g>≡`

```
<D:prop><D:lockdiscovery/></D:prop>
</D:propfind>
```

45a `<response-http-rfc4918-15.8.1 45a>≡`

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D='DAV:'>
  <D:response>
    <D:href>http://www.example.com/container/</D:href>
    <D:propstat>
      <D:prop>
        <D:lockdiscovery>
          <D:activelock>
            <D:locktype><D:write/></D:locktype>
            <D:lockscope><D:exclusive/></D:lockscope>
            <D:depth>0</D:depth>
            <D:owner>Jane Smith</D:owner>
            <D:timeout>Infinite</D:timeout>
            <D:locktoken>
              <D:href>
                >urn:uuid:f81de2ad-7f3d-a1b2-4f3c-00a0c91a9d76</D:href>
              </D:locktoken>
            <D:lockroot>
              <D:href>http://www.example.com/container/</D:href>
            </D:lockroot>
          </D:activelock>
        </D:lockdiscovery>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

45b `<test-http-rfc4918-15.10.1 45b>≡`

```
PROPFIND /container/ HTTP/1.1
Host: www.example.com
Content-Length: xxxx
Content-Type: application/xml; charset="utf-8"

<?xml version="1.0" encoding="utf-8" ?>
<D:propfind xmlns:D="DAV:">
  <D:prop><D:supportedlock/></D:prop>
</D:propfind>
```

45c `<response-http-rfc4918-15.10.1 45c>≡`

```
HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.com/container/</D:href>
    <D:propstat>
      <D:prop>
        <D:supportedlock>
          <D:lockentry>
```

45c `<response-http-rfc4918-15.10.1 45c>≡`

```

        <D:lockscope><D:exclusive/></D:lockscope>
        <D:locktype><D:write/></D:locktype>
      </D:lockentry>
      <D:lockentry>
        <D:lockscope><D:shared/></D:lockscope>
        <D:locktype><D:write/></D:locktype>
      </D:lockentry>
    </D:supportedlock>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>

```

46a `<test-http-rfc5323-2.3.3 46a>≡`

```

SEARCH / HTTP/1.1
Host: example.org
Content-Type: application/xml; charset="utf-8"
Content-Length: 252

<?xml version="1.0" encoding="UTF-8"?>
<D:searchrequest xmlns:D="DAV:" xmlns:F="http://example.com/foo">
  <F:natural-language-query>
    Find the locations of good Thai restaurants in Los Angeles
  </F:natural-language-query>
</D:searchrequest>

```

46b `<response-http-rfc5323-2.3.3 46b>≡`

```

HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: 429

<?xml version="1.0" encoding="UTF-8"?>
<D:multistatus xmlns:D="DAV:"
  xmlns:R="http://example.org/propschema">
  <D:response>
    <D:href>http://siamiam.example/</D:href>
    <D:propstat>
      <D:prop>
        <R:location>259 W. Hollywood</R:location>
        <R:rating><R:stars>4</R:stars></R:rating>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

46c `<test-http-rfc5323-2.3.4 46c>≡`

```

SEARCH / HTTP/1.1
Host: example.org
Content-Type: application/xml; charset="utf-8"
Content-Length: 252

<?xml version="1.0" encoding="UTF-8"?>
<D:searchrequest xmlns:D="DAV:" xmlns:F="http://example.com/foo">
  <F:natural-language-query>
    Find the locations of good Thai restaurants in Los Angeles
  </F:natural-language-query>
</D:searchrequest>

```

47a  $\langle \text{response-http-rfc5323-2.3.4 47a} \rangle \equiv$

```
HTTP/1.1 207 Multistatus
Content-Type: text/xml; charset="utf-8"
Content-Length: 640

<?xml version="1.0" encoding="utf-8"?>
<D:multistatus xmlns:D="DAV:">
  <D:response>
    <D:href>http://www.example.net/sounds/unbrokenchain.au</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
  <D:response>
    <D:href>http://tech.mit.example/arch96/photos/Lesh1.jpg</D:href>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:response>
  <D:response>
    <D:href>http://example.net</D:href>
    <D:status>HTTP/1.1 507 Insufficient Storage</D:status>
    <D:responsedescription xml:lang="en">
      Only first two matching records were returned
    </D:responsedescription>
  </D:response>
</D:multistatus>
```

47b  $\langle \text{test-http-rfc5323-2.4.1 47b} \rangle \equiv$

```
SEARCH / HTTP/1.1
Host: example.org
Content-Type: application/xml; charset="utf-8"
Content-Length: 252

<?xml version="1.0" encoding="UTF-8"?>
<D:searchrequest xmlns:D="DAV:" xmlns:F="http://example.com/foo">
  <F:natural-language-query>
    Find the locations of good Thai restaurants in Los Angeles
  </F:natural-language-query>
</D:searchrequest>
```

47c  $\langle \text{response-http-rfc5323-2.4.1 47c} \rangle \equiv$

```
HTTP/1.1 409 Conflict
Content-Type: text/xml; charset="utf-8"
Content-Length: 275

<?xml version="1.0" encoding="UTF-8"?>
<d:error xmlns:d="DAV:">
  <d:search-scope-valid>
    <d:response>
      <d:href>http://www.example.com/X</d:href>
      <d:status>HTTP/1.1 404 Object Not Found</d:status>
    </d:response>
    </d:search-scope-valid>
  </d:error>
```

47d  $\langle \text{test-http-rfc5323-3.4a 47d} \rangle \equiv$

```
OPTIONS /somefolder HTTP/1.1
Host: example.org
```

47e *<response-http-rfc5323-3.4a 47e>*≡

```
HTTP/1.1 200 OK
Allow: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, COPY, MOVE
Allow: MKCOL, PROPFIND, PROPPATCH, LOCK, UNLOCK, SEARCH
DASL: <DAV:basicsearch>
DASL: <http://foobar.example/syntax1>, <http://akuma.example/syntax2>
```

48a *<test-http-rfc5323-3.4b 48a>*≡

```
PROPFIND /somefolder HTTP/1.1
Host: example.org
Depth: 0
Content-Type: text/xml; charset="utf-8"
Content-Length: 165

<?xml version="1.0" encoding="UTF-8" ?>
<propfind xmlns="DAV:">
  <prop>
    <supported-query-grammar-set/>
    <supported-method-set/>
  </prop>
</propfind>
```

48b *<response-http-rfc5323-3.4b 48b>*≡

```
HTTP/1.1 207 Multi-Status
Content-Type: text/xml; charset="utf-8"
Content-Length: 1349

<?xml version="1.0" encoding="utf-8" ?>
<multistatus xmlns="DAV:">
  <response>
    <href>http://example.org/somefolder</href>
    <propstat>
      <prop>
        <supported-query-grammar-set>
          <supported-query-grammar>
            <grammar><basicsearch/></grammar>
          </supported-query-grammar>
          <supported-query-grammar>
            <grammar><syntax1 xmlns="http://foobar.example/"></grammar>
          </supported-query-grammar>
          <supported-query-grammar>
            <grammar><syntax2 xmlns="http://akuma.example/"></grammar>
          </supported-query-grammar>
        </supported-query-grammar-set>
        <supported-method-set>
          <supported-method name="COPY" />
          <supported-method name="DELETE" />
          <supported-method name="GET" />
          <supported-method name="HEAD" />
          <supported-method name="LOCK" />
          <supported-method name="MKCOL" />
          <supported-method name="MOVE" />
          <supported-method name="OPTIONS" />
          <supported-method name="POST" />
          <supported-method name="PROPFIND" />
          <supported-method name="PROPPATCH" />
          <supported-method name="PUT" />
          <supported-method name="SEARCH" />
          <supported-method name="TRACE" />
          <supported-method name="UNLOCK" />
        </supported-method-set>
      </prop>
```



48b  $\langle \text{response-http-rfc5323-3.4b 48b} \rangle \equiv$

```
<status>HTTP/1.1 200 OK</status>
</propstat>
</response>
</multistatus>
```

49a  $\langle \text{test-http-rfc5323-4.1.1 49a} \rangle \equiv$

```
SEARCH / HTTP/1.1
Host: recipes.example
Content-Type: application/xml; charset="utf-8"
Content-Length: 258

<?xml version="1.0"?>
<query-schema-discovery xmlns="DAV:">
  <basicsearch>
    <from>
      <scope>
        <href>http://recipes.example</href>
        <depth>infinity</depth>
      </scope>
    </from>
  </basicsearch>
</query-schema-discovery>
```

49b  $\langle \text{response-http-rfc5323-4.1.1 49b} \rangle \equiv$

```
HTTP/1.1 207 Multistatus
Content-Type: application/xml; charset="utf-8"
Content-Length: xxx

<?xml version="1.0"?>
<multistatus xmlns="DAV:">
  <response>
    <href>http://recipes.example</href>
    <status>HTTP/1.1 200 OK</status>
    <query-schema>
      <basicsearchschema>
        <!-- (See Section 5.19 for
              the actual contents) -->
      </basicsearchschema>
    </query-schema>
  </response>
</multistatus>
```

49c  $\langle \text{test-http-rfc5323-5.2.1 49c} \rangle \equiv$

```
SEARCH / HTTP/1.1
Host: recipes.example
Content-Type: application/xml; charset="utf-8"
Content-Length: 258

<d:searchrequest xmlns:d="DAV:">
  <d:basicsearch>
    <d:select>
      <d:prop><d:getcontentlength/></d:prop>
    </d:select>
    <d:from>
      <d:scope>
        <d:href>/container1</d:href>
        <d:depth>infinity</d:depth>
      </d:scope>
    </d:from>
    <d:where>
```

49c  $\langle \text{test-http-rfc5323-5.2.1 49c} \rangle \equiv$

```

    <d:gt>
      <d:prop><d:getcontentlength/></d:prop>
      <d:literal>10000</d:literal>
    </d:gt>
  </d:where>
  <d:orderby>
    <d:order>
      <d:prop><d:getcontentlength/></d:prop>
      <d:ascending/>
    </d:order>
  </d:orderby>
</d:basicsearch>
</d:searchrequest>

```

50a  $\langle \text{response-http-rfc5323-5.2.1 50a} \rangle \equiv$

```


```

50b  $\langle \text{test-http-rfc5323-5.19.9 50b} \rangle \equiv$

```

SEARCH / HTTP/1.1
Host: recipes.example
Content-Type: application/xml; charset="utf-8"
Content-Length: 258

<d:query-schema-discovery xmlns:d="DAV: ">
  <d:basicsearch>
    <d:from>
      <d:scope>
        <d:href>/container1</d:href>
        <d:depth>infinity</d:depth>
      </d:scope>
    </d:from>
  </d:basicsearch>
</d:query-schema-discovery>

```

50c  $\langle \text{response-http-rfc5323-5.19.9 50c} \rangle \equiv$

```

<D:basicsearchschema xmlns:D="DAV: "
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <D:properties>
    <D:propdesc>
      <D:prop><D:getcontentlength/></D:prop>
      <D:datatype><xs:nonNegativeInteger/></D:datatype>
      <D:searchable/><D:selectable/><D:sortable/>
    </D:propdesc>
    <D:propdesc>
      <D:prop><D:getcontenttype/><D:displayname/></D:prop>
      <D:searchable/><D:selectable/><D:sortable/>
    </D:propdesc>
    <D:propdesc>
      <D:prop><fstop xmlns="http://ns.example.org"/></D:prop>
      <D:selectable/>
    </D:propdesc>
    <D:propdesc>
      <D:any-other-property/>
      <D:searchable/><D:selectable/>
    </D:propdesc>
  </D:properties>
  <D:operators>
    <D:opdesc>
      <D:like/><D:operand-property/><D:operand-literal/>
    </D:opdesc>
  </D:operators>
</D:basicsearchschema>

```

50c  $\langle$ response-http-rfc5323-5.19.9 50c $\rangle \equiv$

```
</D:opdesc>
<D:opdesc allow-pcdata="yes">
  <D:contains/>
</D:opdesc>
</D:operators>
</D:basicsearchschema>
```

51a  $\langle$ test-http-rfc5689-3.1.1 51a $\rangle \equiv$

```
OPTIONS /addressbooks/users/ HTTP/1.1
Host: addressbook.example.com
```

51b  $\langle$ response-http-rfc5689- 51b $\rangle \equiv$

52a $\triangleright$

```
HTTP/1.1 200 OK
Allow: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, COPY, MOVE
Allow: MKCOL, PROPFIND, PROPPATCH, LOCK, UNLOCK, REPORT, ACL
DAV: 1, 2, 3, access-control, extended-mkcol
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Length: 0
```

51c  $\langle$ test-http-rfc5689-3.4 51c $\rangle \equiv$

```
MKCOL /home/special/ HTTP/1.1
Host: special.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkcol xmlns:D="DAV: "
          xmlns:E="http://example.com/ns/">
  <D:set>
    <D:prop>
      <D:resourcetype>
        <D:collection/>
        <E:special-resource/>
      </D:resourcetype>
      <D:displayname>Special Resource</D:displayname>
    </D:prop>
  </D:set>
</D:mkcol>
```

51d  $\langle$ response-http-rfc5689-3.4 51d $\rangle \equiv$

```
HTTP/1.1 201 Created
Cache-Control: no-cache
Date: Sat, 11 Nov 2006 09:32:12 GMT
```

51e  $\langle$ test-http-rfc5689-3.5 51e $\rangle \equiv$

```
MKCOL /home/special/ HTTP/1.1
Host: special.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkcol xmlns:D="DAV: "
          xmlns:E="http://example.com/ns/">
  <D:set>
    <D:prop>
      <D:resourcetype>
        <D:collection/>
```

51e  $\langle \text{test-http-rfc5689-3.5 51e} \rangle \equiv$

```

    <E:special-resource/>
  </D:resourcetype>
  <D:displayname>Special Resource</D:displayname>
</D:prop>
</D:set>
</D:mkcol>

```

52a  $\langle \text{response-http-rfc5689- 51b} \rangle + \equiv$

$\triangleleft 51b$

```

HTTP/1.1 403 Forbidden
Cache-Control: no-cache
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkcol-response xmlns:D="DAV:">
  <D:propstat>
    <D:prop>
      <D:resourcetype/>
    </D:prop>
    <D:status>HTTP/1.1 403 Forbidden</D:status>
    <D:error><D:valid-resourcetype /></D:error>
    <D:responsedescription>Resource type is not
      supported by this server</D:responsedescription>
  </D:propstat>
  <D:propstat>
    <D:prop>
      <D:displayname/>
    </D:prop>
    <D:status>HTTP/1.1 424 Failed Dependency</D:status>
  </D:propstat>
</D:mkcol-response>

```

52b  $\langle \text{test-http-rfc5689-4.1.1a 52b} \rangle \equiv$

```

MKCALENDAR /home/lisa/calendars/events/ HTTP/1.1
Host: calendar.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:mkcalendar xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:set>
    <D:prop>
      <D:displayname>Lisa's Events</D:displayname>
    </D:prop>
  </D:set>
</C:mkcalendar>

```

52c  $\langle \text{response-http-rfc5689-4.1.1a 52c} \rangle \equiv$

```

HTTP/1.1 201 Created
Cache-Control: no-cache
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:mkcalendar-response xmlns:D="DAV:"

```

52c  $\langle \text{response-http-rfc5689-4.1.1a } 52c \rangle \equiv$

```

    xmlns:C="urn:ietf:params:xml:ns:caldav">
    <D:propstat>
      <D:prop>
        <D:displayname/>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </C:mkcalendar-response>

```

53a  $\langle \text{test-http-rfc5689-4.1.1b } 53a \rangle \equiv$

```

MKCOL /home/lisa/calendars/events/ HTTP/1.1
Host: calendar.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkcol xmlns:D="DAV:"
    xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:set>
    <D:prop>
      <D:resourcetype>
        <D:collection/>
        <C:calendar/>
      </D:resourcetype>
      <D:displayname>Lisa's Events</D:displayname>
    </D:prop>
  </D:set>
</D:mkcol>

```

53b  $\langle \text{response-http-rfc5689-4.1.1b } 53b \rangle \equiv$

```

HTTP/1.1 201 Created
Cache-Control: no-cache
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:mkcol-response xmlns:D="DAV:"
    xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:propstat>
    <D:prop>
      <D:resourcetype/>
      <D:displayname/>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:mkcol-response>

```

53c  $\langle \text{test-http-rfc4791-5.1.1 } 53c \rangle \equiv$

```

OPTIONS /home/bernard/calendars/ HTTP/1.1
Host: cal.example.com

```

53d  $\langle \text{response-http-rfc4791-5.1.1 } 53d \rangle \equiv$

```

HTTP/1.1 200 OK
Allow: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, COPY, MOVE
Allow: PROPFIND, PROPPATCH, LOCK, UNLOCK, REPORT, ACL
DAV: 1, 2, access-control, calendar-access
Date: Sat, 11 Nov 2006 09:32:12 GMT

```

53d *(response-http-rfc4791-5.1.1 53d)*≡

```
Content-Length: 0
```

54a *(test-http-rfc4791-5.3.1.2 54a)*≡

```
MKCALENDAR /home/lisa/calendars/events/ HTTP/1.1
Host: cal.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:mkcalendar xmlns:D="DAV: "
               xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:set>
    <D:prop>
      <D:displayname>Lisa's Events</D:displayname>
      <C:calendar-description xml:lang="en"
>Calendar restricted to events.</C:calendar-description>
      <C:supported-calendar-component-set>
        <C:comp name="VEVENT"/>
      </C:supported-calendar-component-set>
      <C:calendar-timezone><![CDATA[BEGIN:VCALENDAR
PRODID:-//Example Corp.//CalDAV Client//EN
VERSION:2.0
BEGIN:VTIMEZONE
TZID:US-Eastern
LAST-MODIFIED:19870101T000000Z
BEGIN:STANDARD
DTSTART:19671029T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
TZNAME:Eastern Standard Time (US & Canada)
END:STANDARD
BEGIN:DAYLIGHT
DTSTART:19870405T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
TZNAME:Eastern Daylight Time (US & Canada)
END:DAYLIGHT
END:VTIMEZONE
END:VCALENDAR
]]></C:calendar-timezone>
    </D:prop>
  </D:set>
</C:mkcalendar>
```

54b *(response-http-rfc4791-5.3.1.2 54b)*≡

```
HTTP/1.1 201 Created
Cache-Control: no-cache
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Length: 0
```

54c *(test-http-rfc4791-5.3.2 54c)*≡

```
PUT /home/lisa/calendars/events/qwue23489.ics HTTP/1.1
If-None-Match: *
Host: cal.example.com
Content-Type: text/calendar
Content-Length: xxxx

BEGIN:VCALENDAR
```

54c *<test-http-rfc4791-5.3.2 54c>*≡

```
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VEVENT
UID:20010712T182145Z-123401@example.com
DTSTAMP:20060712T182145Z
DTSTART:20060714T170000Z
DTEND:20060715T040000Z
SUMMARY:Bastille Day Party
END:VEVENT
END:VCALENDAR
```

55a *<response-http-rfc4791-5.3.2 55a>*≡

```
HTTP/1.1 201 Created
Content-Length: 0
Date: Sat, 11 Nov 2006 09:32:12 GMT
ETag: "123456789-000-111"
```

55b *<test-http-rfc4791-7.8.1 55b>*≡

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV:"
                  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <D:getetag/>
    <C:calendar-data>
      <C:comp name="VCALENDAR">
        <C:prop name="VERSION"/>
        <C:comp name="VEVENT">
          <C:prop name="SUMMARY"/>
          <C:prop name="UID"/>
          <C:prop name="DTSTART"/>
          <C:prop name="DTEND"/>
          <C:prop name="DURATION"/>
          <C:prop name="RRULE"/>
          <C:prop name="RDATE"/>
          <C:prop name="EXRULE"/>
          <C:prop name="EXDATE"/>
          <C:prop name="RECURRENCE-ID"/>
        </C:comp>
        <C:comp name="VTIMEZONE"/>
      </C:comp>
    </C:calendar-data>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:time-range start="20060104T000000Z"
                     end="20060105T000000Z"/>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>
```

55c *<response-http-rfc4791-7.8.1 55c>*≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd2.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd2"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTART;TZID=US/Eastern:20060102T120000
DURATION:PT1H
RRULE:FREQ=DAILY;COUNT=5
SUMMARY:Event #2
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTART;TZID=US/Eastern:20060104T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060104T120000
SUMMARY:Event #2 bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTART;TZID=US/Eastern:20060106T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060106T120000
SUMMARY:Event #2 bis bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>

```



55c <response-http-rfc4791-7.8.1 55c>≡

```

    <D:getetag>"ffff-abcd3"</D:getetag>
    <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

57a <test-http-rfc4791-7.8.2 57a>≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV:"
                  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <C:calendar-data>
      <C:limit-recurrence-set start="20060103T000000Z"
                             end="20060105T000000Z"/>
    </C:calendar-data>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:time-range start="20060103T000000Z"
                       end="20060105T000000Z"/>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>

```

57b *<response-http-rfc4791-7.8.2 57b>*≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd2.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd2"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060102T120000
DURATION:PT1H
RRULE:FREQ=DAILY;COUNT=5
SUMMARY:Event #2
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060104T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060104T120000
SUMMARY:Event #2 bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd3"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN

```

57b *<response-http-rfc4791-7.8.2 57b>*≡

```

BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
X-ABC-GUID:E1CX5Dr-0007ym-Hz@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>
</D:multistatus>

```

59 *<test-http-rfc4791-7.8.3 59>*≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV:"
                  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <C:calendar-data>
      <C:expand start="20060103T000000Z"
                end="20060105T000000Z"/>
    </C:calendar-data>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:time-range start="20060103T000000Z"
                      end="20060105T000000Z"/>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>

```

59 `<test-http-rfc4791-7.8.3 59>≡`

```
</C:filter>
</C:calendar-query>
```

60 `<response-http-rfc4791-7.8.3 60>≡`

```
HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd2.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd2"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART:20060103T170000
DURATION:PT1H
RECURRENCE-ID:20060103T170000
SUMMARY:Event #2
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART:20060104T190000
DURATION:PT1H
RECURRENCE-ID:20060104T170000
SUMMARY:Event #2 bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd3"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART:20060104T150000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
X-ABC-GUID:ElCX5Dr-0007ym-Hz@example.com
```

60 *<response-http-rfc4791-7.8.3 60>*≡

```

END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>
</D:multistatus>

```

61a *<test-http-rfc4791-7.8.4 61a>*≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <C:calendar-data>
      <C:limit-freebusy-set start="20060102T000000Z"
        end="20060103T000000Z"/>
    </C:calendar-data>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VFREEBUSY">
        <C:time-range start="20060102T000000Z"
          end="20060103T000000Z"/>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>

```

61b *<response-http-rfc4791-7.8.4 61b>*≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd8.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd8"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VFREEBUSY
ORGANIZER;CN="Bernard Desruisseaux":mailto:bernard@example.com
UID:76ef34-54a3d2@example.com
DTSTAMP:20050530T123421Z
DTSTART:20060101T100000Z
DTEND:20060108T100000Z
FREEBUSY;FBTYPE=BUSY-TENTATIVE:20060102T100000Z/20060102T120000Z
END:VFREEBUSY
END:VCALENDAR

```

61b  $\langle$ response-http-rfc4791-7.8.4 61b $\rangle \equiv$

```
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>
```

62a  $\langle$ test-http-rfc4791-7.8.5 62a $\rangle \equiv$

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VTODO">
        <C:comp-filter name="VALARM">
          <C:time-range start="20060106T100000Z"
                        end="20060107T100000Z"/>
        </C:comp-filter>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>
```

62b  $\langle$ response-http-rfc4791-7.8.5 62b $\rangle \equiv$

```
HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
               xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd4.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd4"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235300Z
DUE;TZID=US/Eastern:20060106T120000
LAST-MODIFIED:20060205T235308Z
SEQUENCE:1
STATUS:NEEDS-ACTION
SUMMARY:Task #2
UID:E10BA47467C5C69BB74E8720@example.com
BEGIN:VALARM
ACTION:AUDIO
TRIGGER;RELATED=START:-PT10M
END:VALARM
```

62b *<response-http-rfc4791-7.8.5 62b>*≡

```

END:VTODO
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  </D:response>
</D:multistatus>

```

63a *<test-http-rfc4791-7.8.6 63a>*≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:prop-filter name="UID">
          <C:text-match collation="i;octet"
            >DC6C50A017428C5216A2F1CD@example.com</C:text-match>
        </C:prop-filter>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>

```

63b *<response-http-rfc4791-7.8.6 63b>*≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"ffff-abcd3"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT

```

63b *(response-http-rfc4791-7.8.6 63b)* ≡

```

BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:--0400
TZOFFSETTO:--0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
X-ABC-GUID:E1CX5Dr-0007ym-Hz@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  </D:response>
</D:multistatus>

```

64a *(test-http-rfc4791-7.8.7 64a)* ≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:prop-filter name="ATTENDEE">
          <C:text-match collation="i;ascii-casemap"
            >mailto:lisa@example.com</C:text-match>
        <C:param-filter name="PARTSTAT">
          <C:text-match collation="i;ascii-casemap"
            >NEEDS-ACTION</C:text-match>
        </C:param-filter>
      </C:prop-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>

```



64b <response-http-rfc4791-7.8.7 64b>≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
                xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd3"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
X-ABC-GUID:E1CX5Dr-0007ym-Hz@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>

```

65 <test-http-rfc4791-7.8.8 65>≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

```

65 *<test-http-rfc4791-7.8.8 65>*≡

```
<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT"/>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>
```

66 *<response-http-rfc4791-7.8.8 66>*≡

```
HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd1.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd1"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID://Example Corp./CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001102Z
DTSTART;TZID=US/Eastern:20060102T100000
DURATION:PT1H
SUMMARY:Event #1
Description:Go Steelers!
UID:74855313FA803DA593CD579A@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
</D:multistatus>
```

66 `<response-http-rfc4791-7.8.8 66>≡`

```

<D:href>http://cal.example.com/bernard/work/abcd2.ics</D:href>
<D:propstat>
  <D:prop>
    <D:getetag>"fffff-abcd2"</D:getetag>
    <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060102T120000
DURATION:PT1H
RRULE:FREQ=DAILY;COUNT=5
SUMMARY:Event #2
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060104T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060104T120000
SUMMARY:Event #2 bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060106T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060106T120000
SUMMARY:Event #2 bis bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd3"</D:getetag>
      <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE

```

66 *(response-http-rfc4791-7.8.8 66)*≡

```

LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
X-ABC-GUID:E1CX5Dr-0007ym-Hz@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
  </D:response>
</D:multistatus>

```

68 *(test-http-rfc4791-7.8.9 68)*≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VTODO">
        <C:prop-filter name="COMPLETED">
          <C:is-not-defined/>
        </C:prop-filter>
        <C:prop-filter name="STATUS">
          <C:text-match
            negate-condition="yes">CANCELLED</C:text-match>
          </C:prop-filter>
        </C:comp-filter>
      </C:comp-filter>
    </C:filter>
  </C:calendar-query>

```

68 `<test-http-rfc4791-7.8.9 68>≡`

```
</C:comp-filter>
</C:filter>
</C:calendar-query>
```

69 `<response-http-rfc4791-7.8.9 69>≡`

```
HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
                xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd4.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"ffff-abcd4"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235335Z
DUE;VALUE=DATE:20060104
STATUS:NEEDS-ACTION
SUMMARY:Task #1
UID:DDDEEB7915FA61233B861457@example.com
BEGIN:VALARM
ACTION:AUDIO
TRIGGER;RELATED=START:-PT10M
END:VALARM
END:VTODO
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>

  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd5.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"ffff-abcd5"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235300Z
DUE;VALUE=DATE:20060106
LAST-MODIFIED:20060205T235308Z
SEQUENCE:1
STATUS:NEEDS-ACTION
SUMMARY:Task #2
UID:E10BA47467C5C69BB74E8720@example.com
BEGIN:VALARM
ACTION:AUDIO
TRIGGER;RELATED=START:-PT10M
END:VALARM
END:VTODO
END:VCALENDAR
</C:calendar-data>
      </D:prop>
```

69 `<response-http-rfc4791-7.8.9 69>≡`

```
<D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>
</D:multistatus>
```

70a `<test-http-rfc4791-7.8.10 70a>≡`

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop xmlns:D="DAV:">
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:prop-filter name="X-ABC-GUID">
          <C:text-match>ABC</C:text-match>
        </C:prop-filter>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>
```

70b `<response-http-rfc4791-7.8.10 70b>≡`

```
HTTP/1.1 403 Forbidden
Date: Sat, 11 Nov 2005 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:error>
  <C:supported-filter>
    <C:prop-filter name="X-ABC-GUID"/>
  </C:supported-filter>
</D:error>
```

70c `<test-http-rfc4791-7.9.1 70c>≡`

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-multiget xmlns:D="DAV:"
  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <D:href>/bernard/work/abcd1.ics</D:href>
  <D:href>/bernard/work/mtg1.ics</D:href>
</C:calendar-multiget>
```

70d <response-http-rfc4791-7.9.1 70d>≡

```

HTTP/1.1 207 Multi-Status
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
                xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd1.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd1"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001102Z
DTSTART;TZID=US/Eastern:20060102T100000
DURATION:PT1H
SUMMARY:Event #1
Description:Go Steelers!
UID:74855313FA803DA593CD579A@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
      </D:prop>
      <D:status>HTTP/1.1 200 OK</D:status>
    </D:propstat>
  </D:response>
  <D:response>
    <D:href>http://cal.example.com/bernard/work/mtg1.ics</D:href>
    <D:status>HTTP/1.1 404 Not Found</D:status>
  </D:response>
</D:multistatus>

```

71 <test-http-rfc4791-7.10.1 71>≡

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:free-busy-query xmlns:C="urn:ietf:params:xml:ns:caldav">

```

71  $\langle \text{test-http-rfc4791-7.10.1 71} \rangle \equiv$

```
<C:time-range start="20060104T140000Z"
               end="20060105T220000Z"/>
</C:free-busy-query>
```

72a  $\langle \text{response-http-rfc4791-7.10.1 72a} \rangle \equiv$

```
HTTP/1.1 200 OK
Date: Sat, 11 Nov 2006 09:32:12 GMT
Content-Type: text/calendar
Content-Length: xxxx

BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Server//EN
BEGIN:VFREEBUSY
DTSTAMP:20050125T090000Z
DTSTART:20060104T140000Z
DTEND:20060105T220000Z
FREEBUSY;FBTYPE=BUSY-TENTATIVE:20060104T150000Z/PT1H
FREEBUSY:20060104T190000Z/PT1H
END:VFREEBUSY
END:VCALENDAR
```

72b  $\langle \text{test-http-rfc4791-8.2.1.3a 72b} \rangle \equiv$

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV:"
                  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <D:getetag/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR">
      <C:comp-filter name="VEVENT">
        <C:time-range start="20040902T000000Z"
                      end="20040903T000000Z"/>
      </C:comp-filter>
    </C:comp-filter>
  </C:filter>
</C:calendar-query>
```

72c  $\langle \text{response-http-rfc4791-8.2.1.3a 72c} \rangle \equiv$

72d  $\langle \text{test-http-rfc4791-8.2.1.3b 72d} \rangle \equiv$

```
REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-multiget xmlns:D="DAV:"
```



72d  $\langle \text{test-http-rfc4791-8.2.1.3b 72d} \rangle \equiv$

```

                                xmlns:C="urn:ietf:params:xml:ns:caldav">
    <D:prop>
      <D:getetag/>
      <C:calendar-data/>
    </D:prop>
    <D:href>/bernard/work/abcd1.ics</D:href>
    <D:href>/bernard/work/mtg1.ics</D:href>
  </C:calendar-multiget>

```

73a  $\langle \text{response-http-rfc4791-8.2.1.3b 73a} \rangle \equiv$

```


```

73b  $\langle \text{test-http-rfc4791-B 73b} \rangle \equiv$

```

REPORT /bernard/work/ HTTP/1.1
Host: cal.example.com
Depth: 1
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<C:calendar-query xmlns:D="DAV: "
                  xmlns:C="urn:ietf:params:xml:ns:caldav">
  <D:prop>
    <D:getetag/>
    <C:calendar-data/>
  </D:prop>
  <C:filter>
    <C:comp-filter name="VCALENDAR"/>
  </C:filter>
</C:calendar-query>

```

73c  $\langle \text{response-http-rfc4791-B 73c} \rangle \equiv$

```

HTTP/1.1 207 Multi-Status
Content-Type: application/xml; charset="utf-8"
Content-Length: xxxx

<?xml version="1.0" encoding="utf-8" ?>
<D:multistatus xmlns:D="DAV: "
               xmlns:C="urn:ietf:params:xml:ns:caldav">

  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd1.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd1"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD

```

73c

*(response-http-rtc4791-B 73c)*

```

DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001102Z
DTSTART;TZID=US/Eastern:20060102T100000
DURATION:PT1H
SUMMARY:Event #1
Description:Go Steelers!
UID:74855313FA803DA593CD579A@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
</D:propstat>
</D:response>

<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd2.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd2"</D:getetag>
      <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060102T120000
DURATION:PT1H
RRULE:FREQ=DAILY;COUNT=5
SUMMARY:Event #2
UID:00959BC664CA650E933C892C@example.com
END:VEVENT
BEGIN:VEVENT
DTSTAMP:20060206T001121Z
DTSTART;TZID=US/Eastern:20060104T140000
DURATION:PT1H
RECURRENCE-ID;TZID=US/Eastern:20060104T120000
SUMMARY:Event #2 bis
UID:00959BC664CA650E933C892C@example.com
END:VEVENT

```

73c

(response-http-rfc4791-B 73c)≡

```

END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd3.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd3"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTIMEZONE
LAST-MODIFIED:20040110T032845Z
TZID:US/Eastern
BEGIN:DAYLIGHT
DTSTART:20000404T020000
RRULE:FREQ=YEARLY;BYDAY=1SU;BYMONTH=4
TZNAME:EDT
TZOFFSETFROM:-0500
TZOFFSETTO:-0400
END:DAYLIGHT
BEGIN:STANDARD
DTSTART:20001026T020000
RRULE:FREQ=YEARLY;BYDAY=-1SU;BYMONTH=10
TZNAME:EST
TZOFFSETFROM:-0400
TZOFFSETTO:-0500
END:STANDARD
END:VTIMEZONE
BEGIN:VEVENT
ATTENDEE;PARTSTAT=ACCEPTED;ROLE=CHAIR:mailto:cyrus@example.com
ATTENDEE;PARTSTAT=NEEDS-ACTION:mailto:lisa@example.com
DTSTAMP:20060206T001220Z
DTSTART;TZID=US/Eastern:20060104T100000
DURATION:PT1H
LAST-MODIFIED:20060206T001330Z
ORGANIZER:mailto:cyrus@example.com
SEQUENCE:1
STATUS:TENTATIVE
SUMMARY:Event #3
UID:DC6C50A017428C5216A2F1CD@example.com
END:VEVENT
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

  <D:response>
    <D:href>http://cal.example.com/bernard/work/abcd4.ics</D:href>
    <D:propstat>
      <D:prop>
        <D:getetag>"fffff-abcd4"</D:getetag>
        <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235335Z
DUE;VALUE=DATE:20060104

```

73c &lt;response-http-rfc4791-B 73c&gt;≡

```

STATUS:NEEDS-ACTION
SUMMARY:Task #1
UID:DDDEEB7915FA61233B861457@example.com
BEGIN:VALARM
ACTION:AUDIO
TRIGGER;RELATED=START:-PT10M
END:VALARM
END:VTODO
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd5.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd5"</D:getetag>
    <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235300Z
DUE;VALUE=DATE:20060106
LAST-MODIFIED:20060205T235308Z
SEQUENCE:1
STATUS:NEEDS-ACTION
SUMMARY:Task #2
UID:E10BA47467C5C69BB74E8720@example.com
BEGIN:VALARM
ACTION:AUDIO
TRIGGER;RELATED=START:-PT10M
END:VALARM
END:VTODO
END:VCALENDAR
</C:calendar-data>
  </D:prop>
  <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd6.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd6"</D:getetag>
    <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
COMPLETED:20051223T122322Z
DTSTAMP:20060205T235400Z
DUE;VALUE=DATE:20051225
LAST-MODIFIED:20060205T235308Z
SEQUENCE:1
STATUS:COMPLETED
SUMMARY:Task #3
UID:E10BA47467C5C69BB74E8722@example.com
END:VTODO
END:VCALENDAR
</C:calendar-data>
  </D:prop>

```

73c &lt;response-http-rfc4791-B 73c&gt;≡

```

    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd7.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd7"</D:getetag>
      <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VTODO
DTSTAMP:20060205T235600Z
DUE;VALUE=DATE:20060101
LAST-MODIFIED:20060205T235308Z
SEQUENCE:1
STATUS:CANCELLED
SUMMARY:Task #4
UID:E10BA47467C5C69BB74E8725@example.com
END:VTODO
END:VCALENDAR
</C:calendar-data>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

<D:response>
  <D:href>http://cal.example.com/bernard/work/abcd8.ics</D:href>
  <D:propstat>
    <D:prop>
      <D:getetag>"fffff-abcd8"</D:getetag>
      <C:calendar-data>BEGIN:VCALENDAR
VERSION:2.0
PRODID:-//Example Corp.//CalDAV Client//EN
BEGIN:VFREEBUSY
ORGANIZER;CN="Bernard Desruisseaux":mailto:bernard@example.com
UID:76ef34-54a3d2@example.com
DTSTAMP:20050530T123421Z
DTSTART:20060101T000000Z
DTEND:20060108T000000Z
FREEBUSY:20050531T230000Z/20050601T010000Z
FREEBUSY;FBTYPE=BUSY-TENTATIVE:20060102T100000Z/20060102T120000Z
FREEBUSY:20060103T100000Z/20060103T120000Z
FREEBUSY:20060104T100000Z/20060104T120000Z
FREEBUSY;FBTYPE=BUSY-UNAVAILABLE:20060105T100000Z/20060105T120000Z
FREEBUSY:20060106T100000Z/20060106T120000Z
END:VFREEBUSY
END:VCALENDAR
</C:calendar-data>
    </D:prop>
    <D:status>HTTP/1.1 200 OK</D:status>
  </D:propstat>
</D:response>

</D:multistatus>

```

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[\*<test-http-rfc5689-4.1.1b 53a>\*](#) [53a](#)