

EPP Fee Extension

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Recent Changes

- <info> removed (-05)
- Object-agnosticism (-06)
- Getting the draft ready for WG adoption/last call
 - Implementation Status entries needed please!

Still Undecided – optimising <check> syntax

- Option A: keep existing syntax
 - No relationship between objects listed in main body of <check> and <extension>

Option A - Command

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <command>
    <check>
      <check xmlns="urn:ietf:params:xml:ns:domain-1.0">
        <name>example.foo</name>
      </check>
    </check>
    <extension>
      <check xmlns="urn:ietf:params:xml:ns:fee-0.9">
        <object>
          <objID>example.bar</objID>
          <currency>USD</currency>
          <command>create</command>
        </object>
      </check>
    </extension>
  </command>
</epp>
```

Option A - Response

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <response>
    <result code="1000">
      <msg>Command completed successfully</msg>
    </result>
    <resData>
      <chkData xmlns="urn:ietf:params:xml:ns:domain-1.0">
        <cd><name avail="1">example.foo</name></cd>
      </chkData>
    </resData>
    <extension>
      <chkData xmlns="urn:ietf:params:xml:ns:fee-0.9">
        <cd>
          <objID>example.bar</objID>
          <currency>USD</currency>
          <command>create</command>
          <period unit="y">1</period>
          <fee description="Registration Fee">5.00</fee>
        </cd>
      </extension>
    <trID>
      <clTRID>ABC-12345</clTRID>
      <svTRID>54322-XYZ</svTRID>
    </trID>
  </response>
</epp>
```

Still Undecided – optimising <check> syntax

- Option A: keep existing syntax
 - No relationship between objects listed in main body of <check> and <extension>
- Option B: single element in <extension>
 - Fee information is calculated for each object in main body of <check>

Option B

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <command>
    <check>
      <check xmlns="urn:ietf:params:xml:ns:domain-1.0">
        <name>example.foo</name>
        <name>example.bar</name>
      </check>
    </check>
    <extension>
      <check xmlns="urn:ietf:params:xml:ns:fee-0.9">
        <currency>USD</currency>
        <command>create</command>
      </check>
    </extension>
  </command>
</epp>
```

Option B - Response

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <response>
    <result code="1000">
      <msg>Command completed successfully</msg>
    </result>
    <resData>
      <chkData xmlns="urn:ietf:params:xml:ns:domain-1.0">
        <cd avail="1">example.foo</cd>
        <cd avail="0">example.bar</cd>
      </chkData>
    </resData>
    <extension>
      <chkData xmlns="urn:ietf:params:xml:ns:fee-0.9">
        <cd avail="1">
          <objID>example.foo</objID>
          <currency>USD</currency>
          <command>create</command>
          <period unit="y">1</period>
          <fee description="Registration Fee">5.00</fee>
        </cd>
        <cd avail="0">
          <objID>example.bar</objID>
          <currency>USD</currency>
          <command>create</command>
          <period unit="y">1</period>
          <fee description="Registration Fee">5.00</fee>
        </cd>
      </chkData>
    </extension>
  </response>
</epp>
```


Still Undecided – optimising <check> syntax

- Option A: keep existing syntax
 - No relationship between objects listed in main body of <check> and <extension>
- Option B: single element in <extension>
 - Fee information is calculated for each object in main body of <check>
- Option C: multiple elements in <extension>
 - Fee information is calculated for each combination of object and extension element

Option C - Command

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <command>
    <check>
      <check domain="urn:ietf:params:xml:ns:domain-1.0">
        <name>example.foo</name>
        <name>example.bar</name>
      </check>
    </check>
    <extension>
      <check xmlns="urn:ietf:params:xml:ns:fee-0.9">
        <currency>USD</currency>
        <command name="create" />
        <command name="renew">
          <period unit="y">2</period>
        </command>
      </check>
    </extension>
  </command>
</epp>
```

Option C - Response

(too big for powerpoint!)