Heresy Time!

Sensible people SHOULD leave the room

ALTO is boooring

- Only suitable for static information (yawn!)
  - Pull only, no push
  - No update mechanism
  - No server-to-server

But…

- Extensible toolbox (resource directory)
- Extensible syntax
- JSON-patch
- JOSE for signing

```
{
  "resources": [
    {
      "capabilities": {
        "cost-modes": [
          "numerical"
        ],
        "cost-types": [
           "routingcost"
        ]
    },
      "media-types": [
        "application/alto-costmap+json"
      ],
      "uri": "http://alto.ietf.org/costmap/num/routingcost"
    },
.
.
.
```

{
"resources": [
{
"capabilities": {
"cost-modes": [
"numerical"
],
"cost-types": [
"routingcost"
]
},
"media-types": [
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],
"uri": "http://alto.ietf.org/costmap/num/routingcost"
},
.
.
.

Here it comes…

Sensible people SHOULD really leave the room now!

```
{
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        ],
        "cost-types": [
           "routingcost"
        ]
    },
      "media-types": [
        "application/alto-costmap+json"
      ],
      "uri": [
        "http://alto.ietf.org/costmap/num/routingcost”
        "xyzp://alto.ietf.org/costmap/num/routingcost”
      ]
    },
.
.
.
```

```
{
  "resources": [
    {
      "capabilities": {
        "cost-modes": [
          "numerical"
        ],
        "cost-types": [
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        ]
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```

XMPP?

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      ]
    },
.
.
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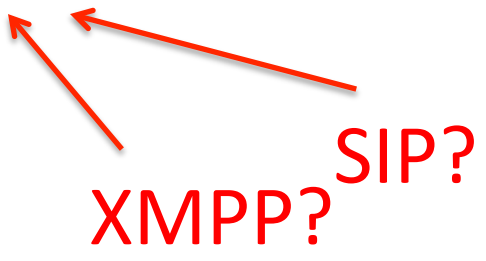
```



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           "routingcost"
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      "uri": [
        "http://alto.ietf.org/costmap/num/routingcost”
        "xyzp://alto.ietf.org/costmap/num/routingcost”
      ]
    },
.
.
.
```

XMPP?

SIP? (No, kidding!)

Two Way ALTO Protocol

alto.tw

Two Way ALTO Protocol