Heresy Time!

Sensible people SHOULD leave the room
ALTO is boring

- 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": [ "application/alto-costmap+json"
  ],
  "uri": "http://alto.ietf.org/costmap/num/routingcost"
},
  ...
  ...]}
Here it comes...

Sensible people SHOULD really leave the room now!
{
  "resources": [
    {
      "capabilities": {
        "cost-modes": [
          "numerical"
        ],
        "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": [
        "routingcost"
    ]
},

"media-types": [
    "application/alto-costmap+json"
],

"uri": [
    "http://alto.ietf.org/costmap/num/routingcost"
]
}
]}

XMPP?
{
    "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": [
      "application/alto-costmap+json"
    ],
    "uri": [
      "http://alto.ietf.org/costmap/num/routingcost"
    ]
  },
  .
  .
  .
  .
  .
  SIP? (No, kidding!)
  XMPP?
Two Way ALTO Protocol
two-way-alto-protocol