

OpenMath XML Translation Server ♪

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OpenXM.org

1 OpenMath 醇 (1999)

‘om.rr’ 臂 違紘臂 . Java 茵医荐 綽荀 .

Author of OMproxy : Yasushi Tamura.

1.0.1 om_start

```
om_start()
    :: OMproxy 鴻帥若. 泣若 CMO OpenMath XML (CD's in 1999) .

return
    [155] load("om.rr");
    1
    [160] om_start();
    control: wait OX
    Trying to connect to the server... Done.
    0
    [161] om_xml(<<1,0>>+2*<0,1>>);
    <OMOBJ><OMA><OMS name="DMP" cd="poly"/>
    <OMA><OMS name="PolyRing" cd="poly"/>
    <OMI>2</OMI></OMA><OMA>
    <OMS name="SDMP" cd="poly"/>
    <OMA><OMS name="Monom" cd="poly"/><OMI>1</OMI><OMI>1</OMI><OMI>0</OMI></OMA>
    <OMA><OMS name="Monom" cd="poly"/><OMI>2</OMI><OMI>0</OMI><OMI>1</OMI></OMA>
    </OMA></OMA></OMOBJ>
    [162] om_xml_to_cmo(@);
    (1)*<<1,0>>+(2)*<0,1>>
```

1.0.2 om_xml

```
om_xml(s|proc=p)
    :: s CMO 茵 障 OpenMath XML (CD's in 1999) 茵 障 .

return 紘

P
s 吾
    • s CMO 茵 障 OpenMath XML (CD's in 1999) 茵 障 .
    For (I=0; I<10; I++) {
        A = 2^I;
        B = om_xml(A);
        C = om_xml_to_cmo(B);
        print(A == C);
    }
```

1.0.3 om_xml_to_cmo

```
om_xml_to_cmo(s|proc=p)
    :: OpenMath XML (CD's in 1999) 茵 s CMO .
```

return 吾

p

s 統

- OpenMath XML (CD's in 1999) 茵 *s* CMO .

Index

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Short Contents

1	OpenMath 醇(1999-8988)	1
	Index	3

Table of Contents

1	OpenMath 醇 (1999 醇 醇)	1
1.0.1	om_start	1
1.0.2	om_xml	1
1.0.3	om_xml_to_cmo	1
Index	3