Subject: Re: STARTED: Python in bazaar
Posted by kohait00 on Thu, 31 Mar 2011 07:44:01 GMT
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sound good...

my goal would be to only offer a small single interface to python, not too extensive.. focus on
exporting some part of the API of a Upp side class to be available in python and vice versa.

this implys the Value - PyObject translation for the most common types in python

Value: PyObject:

int = long int
in64 = long long integer (theoretically it's unlimited)
double = real
bool = BOOL
String = String
Time = DateTime
Time = Time
Date = Date

Vector<Value> = tuple (Vector<> basicly to distinguish from list)
Array<Value> = list
ArrayMap<Value, Value> = dict

and ofcorse the methods for modules/classes or static funcitons API

i'm still thinnking of how to best do the latter part.
since somehow with the self PyObject we'd need to access the class instance..(module instance
is always the same, for static functions self == NULL anyway). i think it'd be best to have the upp
class have a python PyObject* instance of the python class, and have the PyObject instance have
another PyObject* as private member (kind of a contect variable) which represents the this pointer
of a upp class. so both classes are runtime connected without the need to use maps.

could you provide your sourcecode to learn?

BTW: have you been able to use the Python package in bazaar?