

NAME

Net::UPnP::ControlPoint - Perl extension for UPnP control point.

SYNOPSIS

```
use Net::UPnP::ControlPoint;

my $obj = Net::UPnP::ControlPoint->new();

@dev_list = $obj->search(st =>'upnp:rootdevice', mx => 3);

$devNum= 0;
foreach $dev (@dev_list) {
    $device_type = $dev->getdevicetype();
    if ($device_type ne 'urn:schemas-upnp-org:device:MediaServer:1') {
        next;
    }
    print "[ $devNum ] : " . $dev->getfriendlyname() . "\n";
    unless ($dev->getservicebyname('urn:schemas-upnp-org:service:ContentDirectory:1')) {
        next;
    }
    $condir_service = $dev->getservicebyname('urn:schemas-upnp-org:service:ContentDirectory:1');
    unless (defined($condir_service)) {
        next;
    }
    %action_in_arg = (
        'ObjectID' => 0,
        'BrowseFlag' => 'BrowseDirectChildren',
        'Filter' => '*',
        'StartingIndex' => 0,
        'RequestedCount' => 0,
        'SortCriteria' => '',
    );
    $action_res = $condir_service->postcontrol('Browse', \%action_in_arg);
    $action_out_arg = $action_res->getargumentlist();
    unless ($action_out_arg->{'Result'}) {
        next;
    }
    $result = $action_out_arg->{'Result'};
    while ($result = m/<dc:title>(.*?)</dc:title>/sgi) {
        print "\t$1\n";
    }
    $devNum++;
}
```

DESCRIPTION

The package can search UPnP devices in the local network and get the device list of Net::UPnP::Device.

METHODS

new - create new Net::UPnP::ControlPoint

```
$ctrlPoint = Net::UPnP::ControlPoint();
```

Creates a new object. Read 'perldoc perlboot' if you don't understand that.

search - search UPnP devices

```
@device_list = $ctrlPoint->search();
```

```
@device_list = $ctrlPoint->search(  
  [st => $search_target], # 'upnp:rootdevice'  
  [mx => $maximum_wait] # 3  
);
```

Search UPnP devices and return the device list. Please see [Net::UPnP::Device](#) too.

SEE ALSO

[Net::UPnP::Device](#)

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