

NAME

Net::DNS::RR::APL – DNS APL resource record

SYNOPSIS

```
use Net::DNS;
$rr = new Net::DNS::RR('name IN APL aplist');
```

DESCRIPTION

DNS Address Prefix List (APL) record

METHODS

The available methods are those inherited from the base class augmented by the type-specific methods defined in this package.

Use of undocumented package features or direct access to internal data structures is discouraged and could result in program termination or other unpredictable behaviour.

aplist

```
@aplist = $rr->aplist;

@aplist = $rr->aplist( '1:192.168.32.0/21', '!1:192.168.38.0/28' );

@aplist = $rr->aplist( '1:224.0.0.0/4', '2:FF00:0:0:0:0:0:0/8' );

@aplist = $rr->aplist( negate => 1,
                      family  => 1,
                      address => '192.168.38.0',
                      prefix  => 28,
                      );
```

Ordered, possibly empty, list of address prefix items. Additional items, if present, are appended to the existing list with neither prefix aggregation nor reordering.

Net::DNS::RR::APL::Item

Each element of the prefix list is a Net::DNS::RR::APL::Item object which is inextricably bound to the APL record which created it.

negate

```
$rr->negate(1);

if ( $rr->negate ) {
    ...
}
```

Boolean attribute indicating the prefix to be an address range exclusion.

family

```
$family = $rr->family;
$rr->family( $family );
```

Address family discriminant.

prefix

```
$prefix = $rr->prefix;
$rr->prefix( $prefix );
```

Number of bits comprising the address prefix.

address

```
$address = $object->address;
```

Address portion of the prefix list item.

string

```
$string = $object->string;
```

Returns the prefix list item in the form required in zone files.

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Package template (c)2009,2012 O.M.Kolkman and R.W.Franks.

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SEE ALSO

perl, Net::DNS, Net::DNS::RR, RFC3123