

4.2 Port

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Purpose

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The **DEFINE PORT** Command is to define a named [Port Number](#) for use within a [DIDO Node](#) in the [Node Network](#). The Port can be used by [Distributed Application \(DApp or DApp\)](#) which run on the [Node](#).

Syntax

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```
DEFINE PORT <PortName> AS
  PROTOCOL    = <ProtocolName>
  NUMBER      = <PortNumber>;
```

Where

- **PortName** ::= textual name associated with the port.
- **ProtocolName** ::= protocol associated with the port.
- **PortNumber** ::= [PortNumberType](#) is an integer value associated with the port. A port number uniquely identifies a network-based application on a computer. Each [application/program](#) is allocated a [16-Bit](#) integer port number. This number is assigned automatically by the [OS](#), manually by the user or is set as a default for some popular applications.

Examples

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| [Examples of Defining Port Numbers in DidoLL](#)

```
DEFINE PORT http AS
  protocol    = TCP
  port        = 8080;

DEFINE PORT Discovry AS
  protocol    = UDP
```

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```
port = 30301;
```

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