

**NDRXD(8)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>OPTIONS</b>	<b>3</b>
<b>4</b>	<b>EXIT STATUS</b>	<b>4</b>
<b>5</b>	<b>BUGS</b>	<b>5</b>
<b>6</b>	<b>SEE ALSO</b>	<b>6</b>
<b>7</b>	<b>AUTHOR</b>	<b>7</b>
<b>8</b>	<b>COPYING</b>	<b>8</b>

## Chapter 1

# SYNOPSIS

**ndrxd** [*OPTIONS*]

## Chapter 2

# DESCRIPTION

This is endurox backend daemon. Normally it is started by EnduroX command line utility *xadmin*. But for recovery mode it can be started by hand. *ndrxd* is responsible for starting/stopping ATMI servers. It also monitors the servers, restarts them if they are crashed. It can perform server pinging, in case if ping fails it might restart them. The front-end for *ndrxd* is *xadmin*. *xadmin* is responsible for starting idle instance of the daemon. When idle instance is started, it waits for commands from *xadmin*.

During the server startup, daemon receives lists of advertised services from servers. Service queues are opened by servers. But when services are shutdown, *ndrxd* counts the instances of the servers advertising services. If count gets 0, *ndrxd* removes service queues.

In case of clustered mode, *ndrxd* via *tpbridge* sends updates to other EnduroX instances.

---

## Chapter 3

# OPTIONS

### **-k** *RANDOM\_KEY*

Random key associate with EnduroX instance. This is used so that shell scripts can identify processes belonging the some specific instance of EnduroX.

### **-r**

Restart/Recovery mode. This is used when *ndrxd* process is killed during applicaton domain running. When starting in this mode, *ndrxd* will request service listings from running servers (resolved from queues, usually <prefix>,srv,admin,<server>). In given time frame (set via configuration) servers must provide listings. After the learing timeframe, *ndrxd* starts to act as it would work normally, i.e. kill unresponsible services, etc.

## Chapter 4

# EXIT STATUS

**0**      Success

**1**      Failure

## Chapter 5

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)



## Chapter 6

# SEE ALSO

**xadmin(8)**

## Chapter 7

# AUTHOR

EnduroX is created by Madars Vitolins.

## **Chapter 8**

# **COPYING**

© Madars Vitolins