Darwinet

The Darwinet Vision specification

By Darwinet developer community

This manual was produced using *ComponentOne Doc-To-Help*.™

Contents

The Darwinet Vision 1

The vision is the project main requirements 1
The vision is described using usage scenarios 1

Darwinet usage scenarios 1

Download and install the Darwninet base node (The Darwinet framework) 1
Purchase one of the Third Party Darwinet Applications 2
Download and install one of the Darwinet Applications 2
Create a Domain in which to use the Darwinet Application of choice 2
Create shared data in the Darwinet Application of choice 2
Clone a Darwinet base node for a new member of a Darwinet Domain. 2
Installing new Darwinet base node for new user in a Domain 3
Synchronizing Application data of original users and new user in a Darwinet Domian 3

Glossary of Terms 5

Index 7

The Darwinet Vision

The vision is the project main requirements

The Vision of the Darwinet project may be described in a number of different ways.

This Vison is the core driving force of the project and must be used as the main requirement base of the project. **No activity in the project should take place unless it aims at making one of these visions come true**.

The vision is described using usage scenarios

Below we choose to describe a number of key scenarios that describe how the Darwinet network is visioned to support data and application run-time sharing and evolution.

Note: The list below are subject to change as the Project evolves. So please come back frequently to keep on touch with the latest progress and status.

Darwinet usage scenarios

Download and install the Darwninet base node (The Darwinet framework)

The Darwinet base node provides the basic functionality that enables applications to operate in the Darwinet network. We may also call this the Darwinet Frame Work.

The Darwinet base node is open source and the vision is that there is a Base node for all platforms in common use.

- Windows base node
- MAC base node
- iPhone Base node
- Unix base node.
- …

TBD.

Purchase one of the Third Party Darwinet Applications

The Darwinet network provides functionality through Applications that operates in the Darwinet network.

The application may be developed by a third party and may be published for purchase on the Darwinet applications store.

TBD.

Download and install one of the Darwinet Applications

TBD.

Create a Domain in which to use the Darwinet Application of choice

Applications within a Darwinet network are put into usage in a dom,ain of Darwinet users.

The Domain defines the members of the Domain and properties controlling how data and applications are shared within the Domain.

TBD.

Create shared data in the Darwinet Application of choice

A user of a Darwinet Applciation share produced data with members of the Domain in which the user has choosed to operate.

If, for example, the user uses a time report application in a domain set up for a project – then all member of that domain may share time report data through the Darwinet Application providing time report functionality.

TBD.

Clone a Darwinet base node for a new member of a Darwinet Domain.

The preferred way to add member to a Darwinet Domain is to clone the Darwinet Base node for that Domain and user.

The result is a new Darwinet user node configuration for the specified Domain and user.

The new user may take this configuration and install on a computer to gain access to the Darwinet Domain.

TBD.

Installing new Darwinet base node for new user in a Domain

A Darwinet base node clone for a new user in a domain may be mailed to the new member or delivered on some other file sharing mechanism.

By default the delivered package contains both an installation of the basic Darwinet framework together with the configuration for the new user of the Domian that is cloned.

TBD.

Synchronizing Application data of original users and new user in a Darwinet Domian

When a new user of a Darwinet Domian has installed the User node of the Domian on the target machine he or she will be able to log in to the Domian.

When doing so all applications of that Domain that the user is allowed to acces are presented to the user.

When the user starts a Darwinet Application the data under the control of that application is synchronized with the shared data of the Domain.

This happens automatically and as soon as the data is available to the machine where the user executes the Darwinet Framework.

By default all current data in the Domain accessible by the new user will already be on the target machine as a result of the installation of the new user node of the Domian.

Glossary of Terms

darwinet

The name of the darwinet project. Is a combination of the words Darwin and Network. Darwin is the guy that discovered that species on earth has come to their current forms through evolution. And Network refers to the fact that the darwinet is a network that supports and promotes data and application to evolve in a manner similar to the evolution process of species.

Index

Fel! Hittade inga indexord.