Dictionary

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Model Name

Dictionary

General view

Total viewpoint
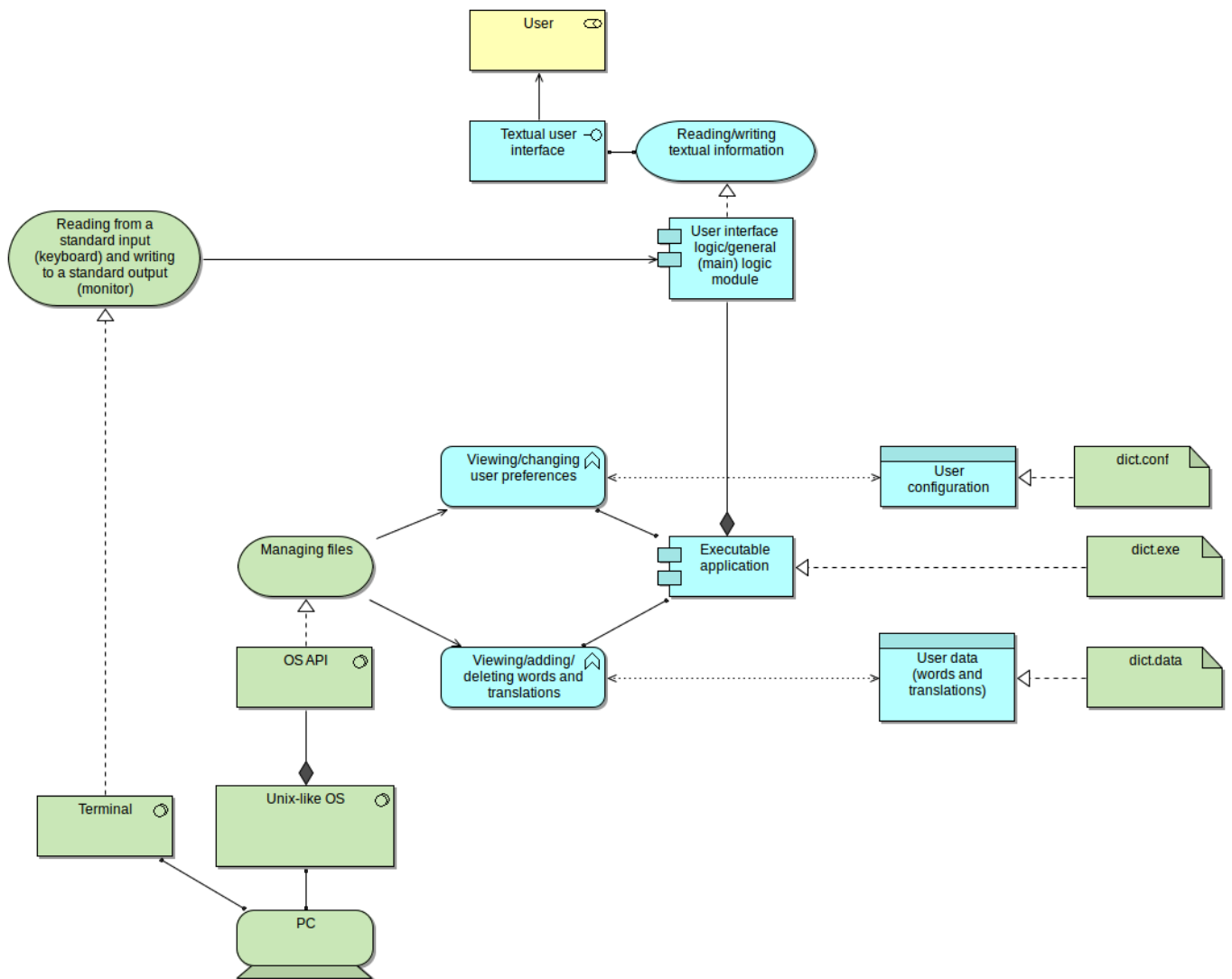
Elements

Element	Type
dict.conf	Artifact
dict.data	Artifact
dict.exe	Artifact
Executable application	Application Component
Managing files	Infrastructure Service
OS API	System Software
PC	Device
Reading from a standard input (keyboard) and writing to a standard output (monitor)	Infrastructure Service
Reading/writing textual information	Application Service
Terminal	System Software
Textual user interface	Application Interface
Unix-like OS	System Software
User	Business Role
User configuration	Data Object
User data (words and translations)	Data Object
User interface logic/general (main) logic module	Application Component
Viewing/adding/deleting words and translations	Application Function
Viewing/changing user preferences	Application Function

Business Actors

User

Business Role

Applications

Executable application
Application Component

Reading/writing textual information
Application Service

Textual user interface
Application Interface

User interface logic/general (main) logic module
Application Component

Viewing/adding/deleting words and translations
Application Function

Viewing/changing user preferences
Application Function

Application Data

User configuration
Data Object

User data (words and translations)
Data Object

Infrastructures

dict.conf
Artifact

dict.data
Artifact

dict.exe
Artifact

Ready-to-work compiled executable (without external resources such as data files).

Managing files
Infrastructure Service

OS API
System Software

PC
Device

Reading from a standard input (keyboard) and writing to a standard
Infrastructure Service

Terminal
System Software

Unix-like OS
System Software

Relations

Assignment relation

Assignment relation

Source: PC
Target: Unix-like OS

Realisation relation

Realisation relation

Source: dict.exe
Target: Executable application

Realisation relation

Realisation relation

Source: dict.conf
Target: User configuration

Realisation relation

Realisation relation

Source: dict.data
Target: User data (words and translations)

Used By relation

Used By relation

Source: Textual user interface
Target: User

Assignment relation

Assignment relation

Source: Executable application
Target: Viewing/changing user preferences

Access relation

Access relation

Source: Viewing/changing user preferences
Target: User configuration

Assignment relation

Assignment relation

Source: Executable application
Target: Viewing/adding/deleting words and translations

Access relation

Access relation

Source: Viewing/adding/deleting words and translations
Target: User data (words and translations)

Composition relation

Composition relation

Source: Unix-like OS
Target: OS API

Realisation relation

Realisation relation

Source: OS API
Target: Managing files

Used By relation

Used By relation

Source: Managing files
Target: Viewing/adding/deleting words and translations

Used By relation

Used By relation

Source: Managing files
Target: Viewing/changing user preferences

Composition relation

Composition relation

Source: Executable application
Target: User interface logic/general (main) logic module

Assignment relation

Assignment relation

Source: Textual user interface
Target: Reading/writing textual information

Realisation relation

Realisation relation

Source: User interface logic/general (main) logic module
Target: Reading/writing textual information

Used By relation

Used By relation

Source: Reading from a standard input (keyboard) and writing to a standard output (monitor)
Target: User interface logic/general (main) logic module

Realisation relation

Realisation relation

Source: Terminal
Target: Reading from a standard input (keyboard) and writing to a standard output (monitor)

Assignment relation

Assignment relation

Source: PC
Target: Terminal