

Architecture of E-Health Flanders platform

March 21, 2010

Abstract

Part I

Documentation Beyond
Views

0.1 Documentation roadmap

0.1.1 Description of the parts

0.1.2 How stakeholders might use the package

Platform tester

Patient

Government

0.2 View template

0.3 System overview

0.4 Mapping between views

0.5 Directory

0.6 Glossary and acronym list

0.7 Background, design constraints, and rationale

Part II

**Software Architecture
Views**

0.8 Module Uses View

0.8.1 Primary presentation

0.8.2 Element catalog

Elements and their properties

Relations and their properties

Element interfaces

Element behavior

0.8.3 Context diagram

0.8.4 Variability guide

0.8.5 Architecture background

Rationale

Analysis results

Assumptions

0.8.6 Other information

0.8.7 Related view packets

0.9 C&C Client and Server View

0.9.1 Primary presentation

0.9.2 Element catalog

Server The server is the component where clients can connect to, to interact in a save way. The server is connected to clients, a government server, external components and the data server. More information can be found in Client and Server view: Server.

Client The client component is the hub from where users (doctors, patients or pharmacists) can interact with the server in a save way. More information can be found in Client and Server view: Client.

Data De data component is een database waar alle informatie zoals patienten dossiers en dokter data op bewaard zijn. Hoe de data precies wordt opgeslaan is terug te vinden in het Deployment diagram.

Card De card component stelt de e-Card van de gebruiker voor. De e-Card bevat gebruikersinformatie alsook twee keys. Een key voor identificatie van de gebruiker en een key voor authenticatie. Naast de gebruikersinformatie en de keys heeft de e-Card ook ruimte voor een aantal voorschriften op te slaan. Meer informatie is terug te vinden in:

Government De government component bevat de logging en RIZIV database.

External De external component bevat de validated data sources die gebruikers van de client kunnen opvragen via de server.

0.9.3 Context diagram

TODO

0.9.4 Variability guide

[None]

0.9.5 Architecture background

Rationale

TODO

Analysis results

Assumptions

0.9.6 Other information

0.9.7 Related view packets

De volgende client-server views bekijken dit overview diagram in meer detail. Ook in het deployment diagram is extra informatie te vinden vooral dan in verband met de opslag van de global medical records en dokter data.

0.10 Allocation Deployment View

0.10.1 Primary presentation

Gewoon om te testen wat invloed van tekst is.

0.10.2 Element catalog

Elements and their properties

Relations and their properties

Element interfaces

Element behavior

0.10.3 Context diagram

0.10.4 Variability guide

0.10.5 Architecture background

Rationale

Analysis results

Assumptions

0.10.6 Other information

0.10.7 Related view packets

0.11 Interaction Diagrams

0.11.1 Primary presentation

0.11.2 Element catalog

Elements and their properties

Relations and their properties

Element interfaces

Element behavior

0.11.3 Context diagram

0.11.4 Variability guide

0.11.5 Architecture background

Rationale

Analysis results

Assumptions

0.11.6 Other information

0.11.7 Related view packets