HEES.CC Whitepaper

The "Virtual" Independend Contractors Enterprise

a Holistic

E-business services to E-applications Solution

designed for Collaboration and Change

About the Author

- Retired Senior Developer
- Resides mostly in Spain
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- Is a generalist not a specialist

- Likes to create in an organic way
- Is fond of conceptualisations, simplifications

- Believes in automation of automation
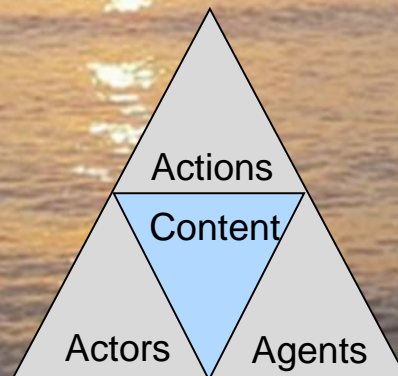- Relentless searcher for the holy IT grail

About HEES.CC

- Holistic Development Framework
- High automation level

- User Centric, Agent Based

- Technology Agnostic
- Aspect Oriented (Crosscutting Concerns)

- Designed to accomodate change
- Designed for collaboration

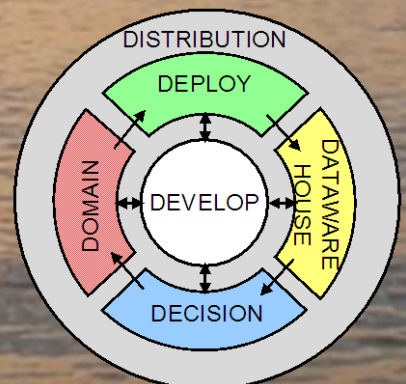- Your private data behind your Firewall
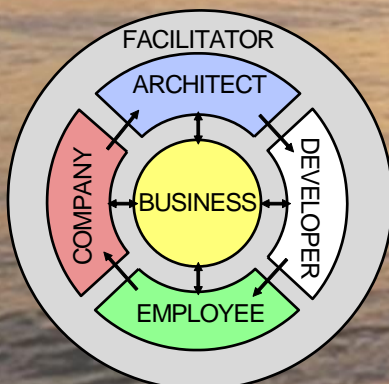
Human Actors   **Enterprise Portal**   **System Agents**

The full IT lifecycle

Actor	Action	Aspect	Agent
Facilitator	Drives at	Concensus	Domain
Company (strategic)	Discovers	Commercial Products	Domain
	Describes	Constraints Products	Domain
Architect (tactical)	Determines	Coherence Domains	Domain
	Defines	Concepts	Domain
Developer (operational)	Designs	Classes	Develop
	Develops	Components	Develop
Employee (operational)	Distributes	Configurations	Distribution
	Deploys	Collaborations	Deploy
Business (tactical)	Detects	Cockpit-indicators	Data-warehouse
	Decides on	Changes	Decision
Facilitator	Draws	Conclusions	Domain

Colors of change

Purple: Guiding, inspiring (governance)

Red: Punish, reward (consumers, companies)

Blue: Blueprint thinking (architect)

White: Out of the box thinking (developer)

Green: Natural development (employees)

Yellow: Win win (business)

Grey: Neutral (facilitator)

Enterprise Architectuur

Company Concepts Roadmaps (Public, Whole)

Company Roadmaps (Protected, Whole)

Company Concepts Problem Domains (Public, Whatl)

Company Problem Domains (Protected, What)

Company Solution Domains (Protected, How)

Company Concepts Solution Domains (Public, How)

Change Management (Project, Whole)

Knowledge Management (Whole)

Skills Management (Whole)

- Product Research & Funding (Who)
- Product Specification (Why)
- Product Management (Whole)
- Component Modelling (What)
- Component Design (Which)
- Component Construction (How)
- Business/ICT Logistics (Where)
- Business/ICT Operations (When)
- Business/ICT Intelligence (Whence)
- Release Management (Whether)

Company Glue / Skins (Protected, What+How)

Company Concepts Glue / Skins (Public, What+How)

Mapping IT Business Areas

1. Roadmaps
2. Change Management
3. Knowledge management
4. Skills Management

Hees.cc
(Wiki, PM, QA, HRM)

1. Product Research
2. Product Specification
3. Product Management
4. Component Definition

CompanyConcepts.org
(Repository)

1. Component Definition
2. Component Design
3. Component Construction
4. Business/IT Logistics

WebsiteWebshop.com
(Software Factory)

1. Business/IT Logistics
2. Business/IT Operations
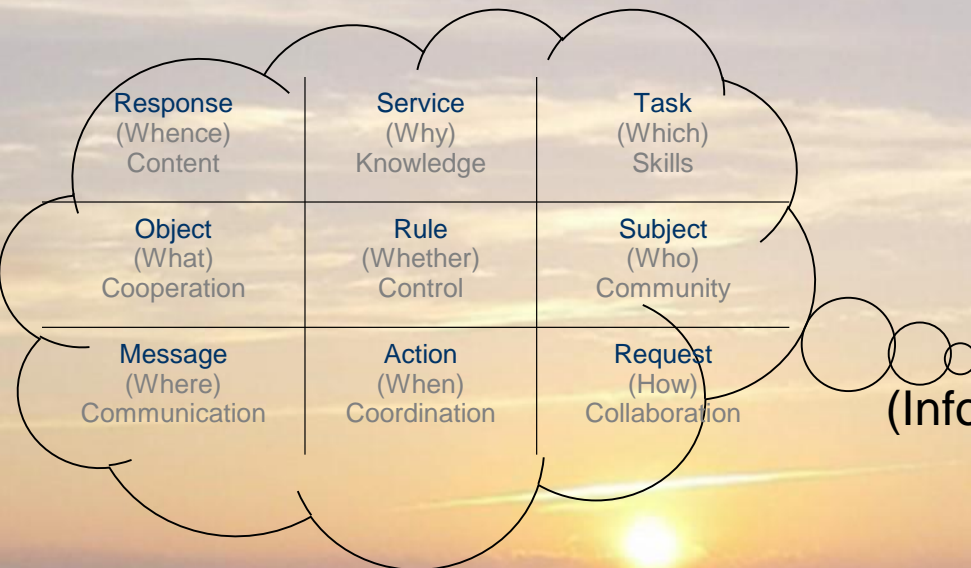3. Business/IT Intelligence
4. Release Management

Portalplaza.biz
(Enterprise Portal
CHEF, BPM, BI, RM)

Information Architecture

A Bank has an advice and a cash service.
Advisor opens and closes accounts for clients.

Client withdraws and deposits money.
Client must be over 18

Problem Description

Response (Whence) Content	Service (Why) Knowledge	Task (Which) Skills
Object (What) Cooperation	Rule (Whether) Control	Subject (Who) Community
Message (Where) Communication	Action (When) Coordination	Request (How) Collaboration

Concept types
(Information Architecture)

	X	Advice	X	
		Cash Teller		X
X		Internet Banking	X	
Account	Client	Age > 18	Advisor	Client
C	C	Opens	X	
U		Deposits		X
U		Withdraws		X
D		Closes	X	

Product Definition

XML Problem Notation

```xml
<?xml version="1.0"?>
- <problem id="Bank">
  - <business_services>
    - <service id="Advice">
        <task id="Open Account" form="Open Account" execution="Advisor"/>
        <task id="Close Account" form="Close Account" execution="Advisor"/>
        <task id="Survey Clients" execution="Advisor" report="Survey Clients"/>
      </service>
    + <service id="Cash Teller">
    - <service id="Internet Banking">
        <task id="Survey Accounts" execution="Client" report="Survey Accounts"/>
      </service>
    </business_services>
  - <business_objects>
    + <object id="Client">
    + <object id="Account">
    </business_objects>
  - <requests>
    + <form id="Open Account">
    + <form id="Close Account">
    + <form id="Withdraw">
    + <form id="Deposit">
    </requests>
  - <actions>
    + <action id="Open Account">
    + <action id="Close Account">
    + <action id="Deposit">
    + <action id="Withdraw">
    </actions>
  + <subjects>
  + <business_rules>
  - <responces>
    + <report id="Survey Clients" lines="60">
    - <report id="Survey Accounts" lines="60">
      - <object id="Account" filter="Session.SocialSecurityNumber=Account.SocialSecurityNumber">
          <attribute id="AccountType"/>
          <attribute id="Amount"/>
        </object>
      </report>
    </responces>
  </problem>
```

HEES Alphabet (Portal, Finance, IT)

A) Agenda
B) Balance
C) Contacts
D) Dashboard
E) e-Books (PDF), Dublin Core
F) Favorites
G) Groups
H) HTML Documents (Markdown)
I) Invoices
J) Journals (costs, problems, enhancements)
K) Knowledge, Skills
L) Leads
M) Multimedia
N) News (RSS)
O) Offers (XLS)
P) Profit and Loss
Q) Quality
R) Requests
S) Shop, Stock
T) Todo, workflow
U) User profile (Portal layout, tags, config accounting)
V) Vat, taxes
W) Web Blackbox Components
X) XPN Whitebox Components
Y) Your Own Apps / Ontology
Z) Zecret Vault

Communities EU

1. EU2EU.ORG   (EU citizens, associations)

2. IC2IC.ORG (English Independend Contractors)
3. ZZP2ZZP.org   (Dutch IC's   )
4. AE2AE.org   (French IC's   )

5. Selbstandige2selbstandige.org (German IC's   )
6. Niezalezna2niezalezna.org   (Polish IC's   )
7. Autonom2autonom.org   (Romanian IC's)
8. Autonomi2autonomi.org   (Italian IC's   )
9. Autonomo2autonomo.org   (Spanish IC's   )

Language	First	Second	Total
English	13%	**38%**	**51%**
German	**18%**	14%	32%
French	12%	14%	26%
Italian	13%	3%	16%
Spanish	8%	7%	15%
Polish	8%	1%	9%
Romanian	5%	0%	5%
Dutch	4%	1%	5%