

VPH-Share Research Platform

- VPH-Share is a 20-Partner FP7 Integrated Project that is constructing an online, cloud-based environment in which users can share software tools, applications and data, and can develop and execute *in silico* clinical workflows.
- Four Flagship Workflows are included as demonstrators and, in recent months a significant number of additional Use Cases have been added to the project, several of which are already active
- Operational for over 12 months, with new features and content being added continuously.

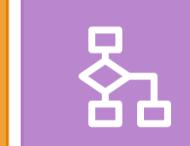


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2

			
Unified Identity	Security	Workflows	Semantics
			Structured Data
High Performance	Applications		
		Cloud Computing	Unstructured data
<h2>Platform Building Blocks</h2>			
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VPH-Share - Research Partnerships



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4

Slide Objectives:

- Describe our current mix of partners and collaborators

Speaking Points:

Reviewers: Guided Introduction

At the project's second periodic review in April 2013 the Reviewers proposed that, to obtain an enriched appreciation of the system, they might have access to the infrastructure during the two week period prior to the 3rd Periodic Review. This has been arranged, and VPH-Share accounts have been enabled for each reviewer.

VPH-Share, although carefully designed, is none-the-less a complex infrastructure and, as with all such systems, the full benefits emerge after a degree of familiarisation.

To help with this learning process we have prepared a set of illustrated guidance slide-sets that show users how to begin using the system and carry out three common activities.



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5

For the busy reviewer

In all cases you'll need to see through the Login process. The three activities are then described in separate tutorials, and each requires around 40 minutes to complete. If time doesn't permit this degree of engagement, it may be that an agreement between Reviewers to split the three tasks amongst you may be a possible solution.

If this is palatable, the data-centred activities are probably the least challenging (perhaps 4/10), with the application and workflow development activities being the most challenging (perhaps 7/10)

If you're particularly time-challenged, but would still like to try the system, the Data activity includes as its final step a search exercise to identify semantically-tagged data; this will give a flavour of the system without requiring a large investment of time.

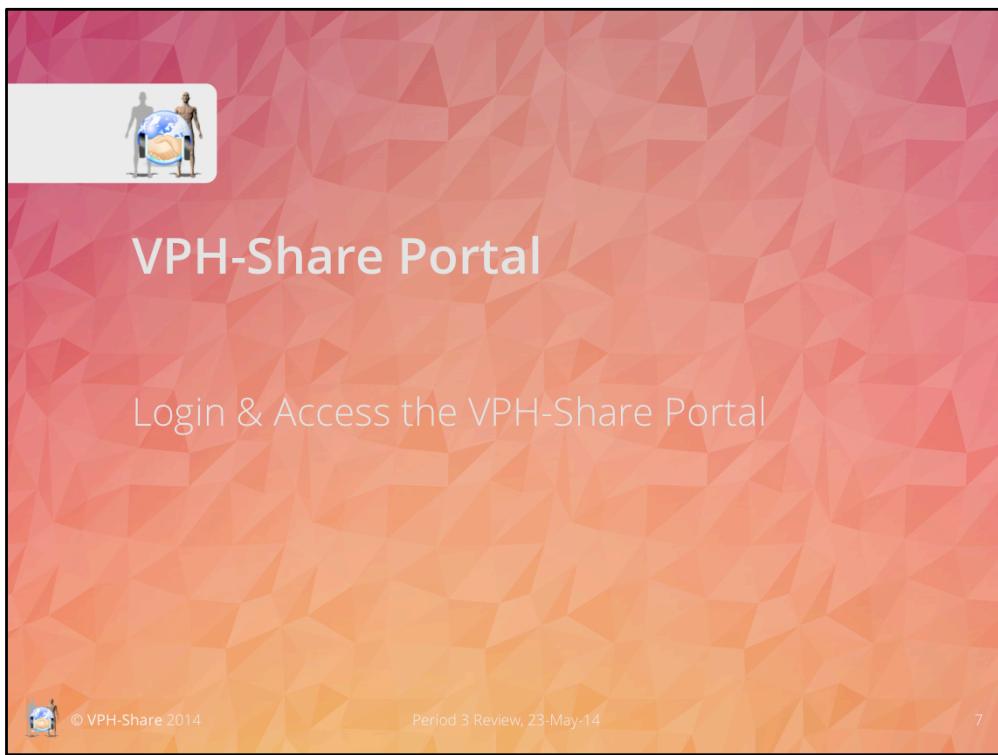


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6



Summary

To avoid the irritation that can arise from initial engagement with a new system, this first **Login** guide takes the user carefully through the Login process. In full, the process would be:

1. Locate the VPH-Share Portal <https://portal.vph-share.eu/> (also easily found through Google)
2. Register on the VPH-Share site (already done for Reviewers)
3. Obtain an account on the central VPH authentication system Biomed Town (already done)
4. When notified of your account activation, revisit the portal and Login
5. Subscribe to any relevant group (Reviewers are already in the 'Reviewers' group)
6. (Note the online help and status information)

Only step 4 is strictly required for Reviewer access (though steps 5 and 6 are worth a look).



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8

VPH-Share Portal

01 Google Search & Registration

02 Portal Login

03 Groups & Membership

04 Help & Documentation

05 Infrastructure Status & Monitoring



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9

VPH-Share Portal – Registration

See video in attached powerpoint



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10

VPH-Share Portal - Login

See video in attached powerpoint



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11

VPH-Share Portal - Profile

See video in attached powerpoint



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12

01 Google Search & Registration

- a. Navigate to Google.com
- b. Search for "VPH-Share Portal"
- c. Click on "VPH-Share Master Interface"

Google VPH-Share Portal b

Web Images News Videos Shopping More Search tools

About 40,300 results (0.60 seconds)

VPH-Share collaborative data and models
www.vph-share.eu/ *
collaborative infrastructure for the share of models and data ... BiomedTown Building
PhysiomSpace · Virtual Physiological Human · VPH Institute · VPH Portal ...
Project · Deliverables · Structure · How to access
Debora Test - 110 hits

Welcome to the Vph-Share Master Interface
https://portal.vph-share.eu/*
We used cookies on our website to help us offer you the best online experience. We've already placed some of these little packets of information on your ...

VPH Portal: Welcome
vph-portal.eu/*
Dear User, VPH Portal - Welcome. The VPH-Share Workflow and Data Portal is now live. Visit it here. Welcome to the Virtual Physiological Human Portal.
You visited this page.

VPH-SHARE - VPH Portal
vph-portal.eu/vph-share/*
VPH-Share will develop the organisational fabric (the info-structure) and integrate the optimized services to (1) expose and share data and knowledge, (2) jointly ...

VPH NoE Home - VPH Portal
vph-portal.eu/vph-noe-home/*
The Virtual Physiological Human - Network of Excellence (VPH-NoE) ... of VPH NoE partners through development of the VPH Tool Kit: a shared and mutually ...

VPH Portal is on-line - VPH Institute
www.vph-institute.org/news/vph-portal-is-on-line.html *
The portal from now onwards will be the new digital home of the VPH ... Make available a repository for all digital resources shared among the community...

<https://portal.vph-share.eu/>

VPH-Share is one of the top links on Google and can easily be searched and found within their index. The first link is usually the VPH-Share Portal.



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13

01 Google Search & Registration

- d. Click on 'Registration Link'
- e. Complete Registration Form
- f. Check email for password setting and complete registration

Personal Details

Full Name
(Required)
Enter full name, eg. John Smith.

User Name
(Required)
Enter a user name, usually something like 'jsmith'. No spaces or special characters. Usernames and passwords are case sensitive, make sure the caps lock key is not enabled. This is the name used to log in.

E-mail
(Required)
Enter an email address. This is necessary in case the password is lost. We respect your privacy, and will not give the address away to any third parties without your explicit authorisation or expose it anywhere. Please enter an institutional email (i.e. NOT like yahoo, hotmail or something like this).

A password will be generated and e-mailed to you to complete the registration process.

Contact Info

Institution/Company
(Required)
You can enter your company here.

Department/Unit
(Required)

Registration is a simple process. We have tried to keep it as minimal as possible, in fact if you have a BiomedTown account, the process is even simpler.



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14

User Manual: <http://www.vph-share.eu/content/registration-and-log>

Video: <https://www.youtube.com/watch?v=r480dPD3SeE> + <https://www.youtube.com/watch?v=il3HVFzjzSI>

02 Portal Login

- Click on 'Login' link
- Submit 'Username' and then Submit 'Password'



Login to the VPH-Share portal follow the OpenID protocol, which uses BiomedTown as our preferred identity provider. Your profile information is never transmitted without your permission.



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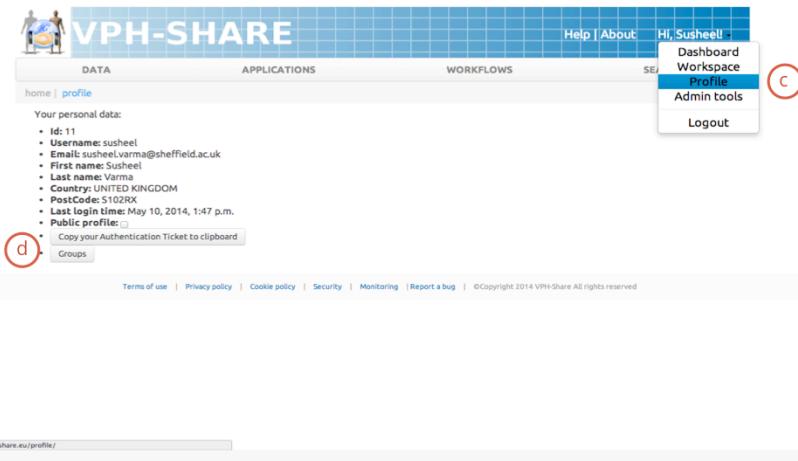
15

User Manual: <http://www.vph-share.eu/content/registration-and-log>

Video: <https://www.youtube.com/watch?v=r480dPD3SeE> + <https://www.youtube.com/watch?v=il3HVFzjzSI>

02 Portal Login

- a. Click on 'Login' link
- b. Submit 'Username' and then Submit 'Password'
- c. Click on your NAME and then 'Profile'
- d. Click on 'Groups'



Login to the VPH-Share portal follow the OpenID protocol, which uses BiomedTown as our preferred identity provider. Your profile information is never transmitted without your permission.



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16

User Manual: <http://www.vph-share.eu/content/your-profile>

03 Groups & Memberships

a. Click on 'Reviewers' group

The screenshot shows the VPH-SHARE interface with a grid of 16 groups. The groups are arranged in four rows and four columns. The groups are: DARE (UK), MySpine (United Kingdom), Reviewers (Belgium), stestv (UK), ARTreat (Italy); CINECA (Italy), CISTIB (UK), euHeart (UK), MD-Paed (Italy); p-medicine (Germany), RT3S (Italy), STH (UK), ViroLab (Netherlands); and VPH-OP (Italy). The 'Reviewers' group is highlighted with a red circle and the letter 'a'.

VPH-Share uses Groups and their user memberships as the primary mechanism to control role-based access to VPH-Share resources



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17

User Manual: <http://www.vph-share.eu/content/institutions-and-studies>

03 Groups & Memberships

- Click on 'Reviewers' group
- Check whether you are in the group, if not, Click 'Subscribe' which will be present.

The screenshot shows the VPH-SHARE interface with a blue header bar containing the logo, 'VPH-SHARE', and navigation links for 'Help', 'About', and 'Hi, Susheel!'. Below the header is a menu bar with 'DATA', 'APPLICATIONS', 'WORKFLOWS', and 'SEARCH' tabs. Under the 'DATA' tab, there are links for 'home', 'groups', and 'Reviewers'. The main content area displays the 'Reviewers' group details, including its description as the group of European Commission reviewers and staff, address in Brussels, and administrator information. It also lists two users: 'Debora Testi (testi)' and 'Susheel Varma (susheel)'. Below this, a grid of institution cards is shown, each with a thumbnail, name, location, and member count. The cards include DARE (UK, 5 members), MySpine (United Kingdom, 19 members), CINECA (Italy, 4 members), CISTIB (UK, 4 members), euHeart (UK, 2 members), MD-Paed... (Italy, 2 members), and ARTreatment (Italy, 4 members). A 'Request a new institution' button is located at the top right of the card grid.

VPH-Share uses Groups and their user memberships as the primary mechanism to control role-based access to VPH-Share resources



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18

User Manual: <http://www.vph-share.eu/content/institutions-and-studies>

04 Help & Documentation

- a. Click on 'Help'
- b. If possible, peruse 'User Manual'
- c. Click and navigate the Developer API's
- d. Read the Data Sharing Protocol

The screenshot shows the VPH-SHARE portal homepage. At the top, there is a navigation bar with links for DATA, APPLICATIONS, WORKFLOWS, and SEARCH. On the right side of the navigation bar, there are links for Help (circled in red), About, Login, and Registration. Below the navigation bar, there is a main content area featuring a large blue background image of a human head with binary code. To the left of the image, there is a section titled "How to send a feedback" which contains text about reporting bugs and suggestions. To the right of the image, there are two dropdown menus: "Applications" and "Documents". The "Applications" menu is open, showing options like Data Publications Suite, Upload unstructured data, Taverna, and Workbench. The "Documents" menu is also open, showing options like User's manual, Developer's APIs, Data Sharing Protocol, and Terms of use. At the bottom of the page, there is footer information including the copyright notice "© VPH-Share 2014", the date "Period 3 Review, 23-May-14", the email address "Email support@vph-share.eu", and the page number "19".

User Manual: <http://www.vph-share.eu/content/users-manual>

05 Infrastructure Status & Monitoring

- Click on 'Monitoring' link in footer



During Y3, VPH-Share has focussed on ensuring infrastructure services are available 24/7 and detailed monitoring and infrastructure status remains visible to the user.



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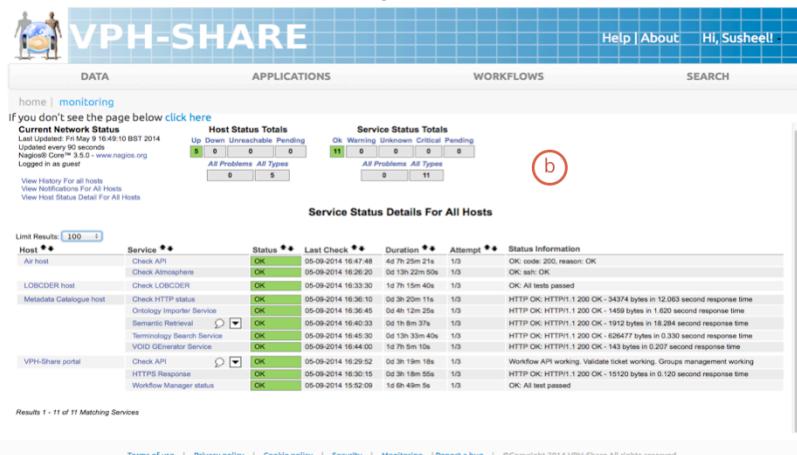
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20

05 Infrastructure Status & Monitoring

- a. Click on 'Monitoring' link in footer
- b. Status of the infrastructure is visible
- c. Monitored service developers are notified on any issue 24/7



The screenshot shows the VPH-SHARE monitoring interface. At the top, there are tabs for DATA, APPLICATIONS, WORKFLOWS, and SEARCH. On the right, there are links for Help, About, and a user profile (Hi, Susheel!). Below the tabs, there's a summary of host and service status totals. A red circle labeled 'b' highlights the 'Service Status Details For All Hosts' section, which lists various services with their status, last check time, duration, attempt count, and status information.

Host	Service	Status	Last Check	Duration	Attempt	Status Information	
Air host	Check API	OK	05-09-2014 16:47:48	0d 7h 25m 21s	1/3	OK: code 200, reason: OK	
	Check Atmosphere	OK	05-09-2014 16:26:20	0d 13h 22m 50s	1/3	OK: ssth: OK	
LOBCDER host	Check LOBCDER	OK	05-09-2014 16:33:30	0d 7h 15m 40s	1/3	OK: All test passed	
Metadata Catalogue host	Check HTTP Status	OK	05-09-2014 16:26:45	0d 4h 12m 25s	1/3	HTTP OK: HTTP/1.1 200 OK - 34374 bytes in 12.03 second response time	
	Check Metadata Catalogue Service	OK	05-09-2014 16:40:33	0d 1h 8m 37s	1/3	HTTP OK: HTTP/1.1 200 OK - 1493 bytes in 1.620 second response time	
	Semantic Retrieval	<input checked="" type="checkbox"/>	05-09-2014 16:40:33	0d 1h 8m 37s	1/3	HTTP OK: HTTP/1.1 200 OK - 1912 bytes in 18.294 second response time	
	Terminology Search Service	OK	05-09-2014 16:45:30	0d 13h 33m 40s	1/3	HTTP OK: HTTP/1.1 200 OK - 626477 bytes in 0.330 second response time	
	VOID Generator Service	OK	05-09-2014 16:44:00	0d 7h 5m 10s	1/3	HTTP OK: HTTP/1.1 200 OK - 143 bytes in 0.207 second response time	
VPH-Share portal	Check API	<input checked="" type="checkbox"/>	OK	05-09-2014 16:29:52	0d 3h 19m 18s	1/3	Workflow API working. Validate ticket working. Groups management working
	HTTP Response	OK	05-09-2014 16:30:15	0d 3h 18m 55s	1/3	HTTP OK: HTTP/1.1 200 OK - 15120 bytes in 0.120 second response time	
	Workflow Manager status	OK	05-09-2014 15:52:09	1d 6h 43m 5s	1/3	OK: All test passed	

Results 1 - 11 of 11 Matching Services

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During Y3, VPH-Share has focussed on ensuring infrastructure services are available 24/7 and detailed monitoring and infrastructure status remains visible to the user.

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GLOSSARY

- API – Application Programming Interface
- Dataset – A collection or related data
- Delimited Data File – File format that stores data separated by a delimiter
- Data Source – Local source data from which the data publication process can be performed
- Data Destination – Destination to which data will be published
- Ontology – Represents the hierarchy of concepts within domain
- SHA1 Hash – A one-way encryption function to encrypt input
- DICOM – An image format frequently used in the medical domain
- SPARQL – A query language that is used to extract knowledge from an RDF graph



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22

VPH-Share Consortium Partners



The
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Of
Sheffield.



Sheffield Teaching Hospitals NHS
NHS Foundation Trust
Excellence as standard



AUCKLAND
BIOENGINEERING INSTITUTE
THE UNIVERSITY OF AUCKLAND
New Zealand's National Institute
in Whole-Body Clinical Research



Slide Objectives:

Speaking Points:

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24

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Speaking Points: