



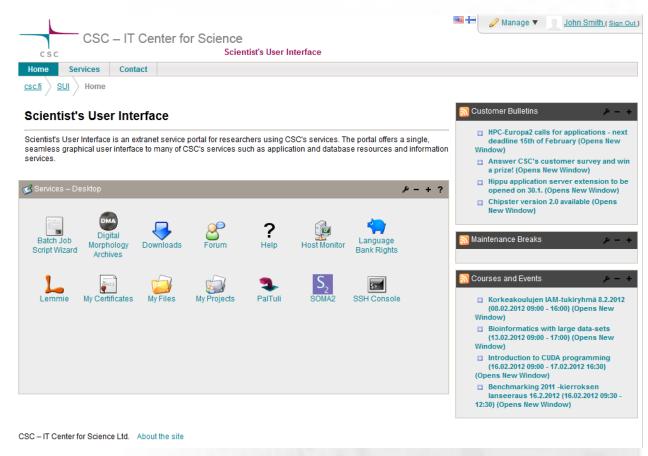
### Scientist's User Interface

Web based interaction with CSC's servers and services



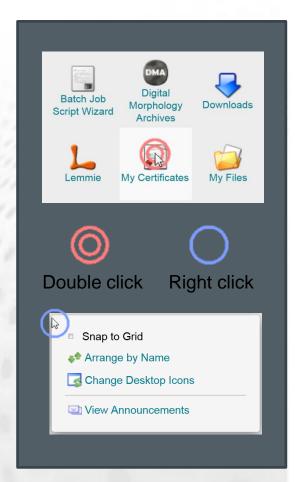
### WWW-portal for all CSC users - https://sui.csc.fi

- Manage your account
- Access your data
- Download material
- Watch videos
- Monitor hosts and jobs
- Use applications
- Personalize your use
- Participate
- + more





- Easy to use services with rich user experience
- CSC's services integrated under one access point
- Improved user experience more than just a UNIX shell
- Look & feel like in desktop applications
  - Select, double click, context menus by right click, drag & drop, etc.
- Help is always near click ? -icon
  - Help as a separate portal service
  - Help modes of individual applications





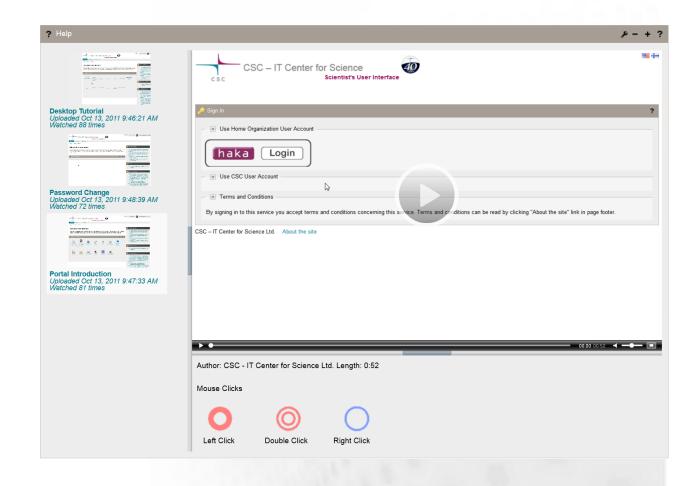
### Use case – run job via SUI-portal

- Generate and store suitable job script with Batch Job Script Wizard
- open terminal connection to Vuori with SSH Console and submit job
- Monitor your job on Vuori with Host Monitor
- Examine and download results with My Files
- Monitor your project's resource usage with My Projects



### ? Help

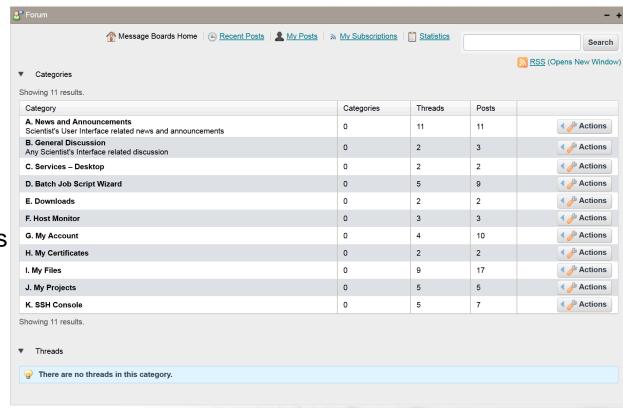
- Watch SUI portal's tutorial videos
- Learn how to use SUI's services





#### **S** Forum

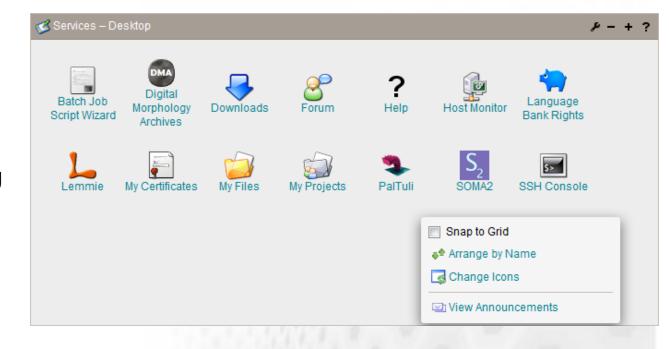
- Participate in discussion on forum
- Quick way to find information of SUI, ask questions or give feedback to developers
- Present ideas for new services





### Services - Desktop

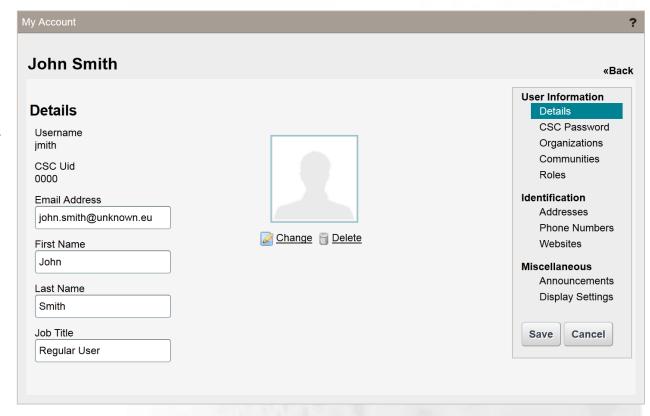
- Personalize your desktop by selecting your favorite services
- Sort/arrange by using drag&drop
- See announcements





# My Account

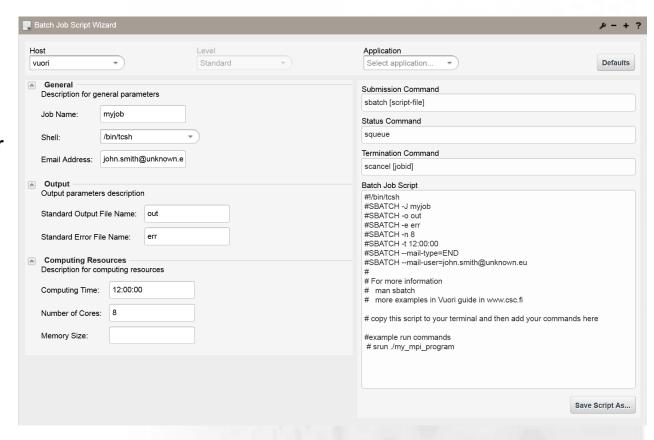
- Maintain your account information
- Change password for CSC environment
- Define your personal settings





### Batch Job Script Wizard

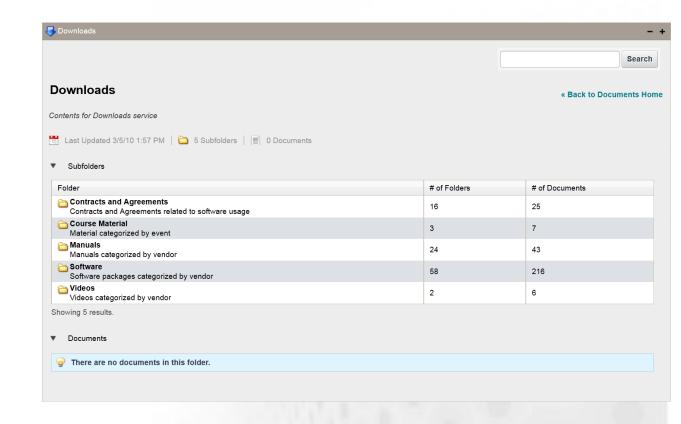
- Create job scripts with easy to use forms
- Save scripts locally or in CSC \$HOME
- Instructions of how to submit and monitor





#### Downloads

- Access material provided to you by CSC
- Software installation packages, manuals, videos etc.





#### Host Monitor

- View statuses and details of CSC's computing servers and batch systems
- Monitor jobs in single view
- Control your own jobs

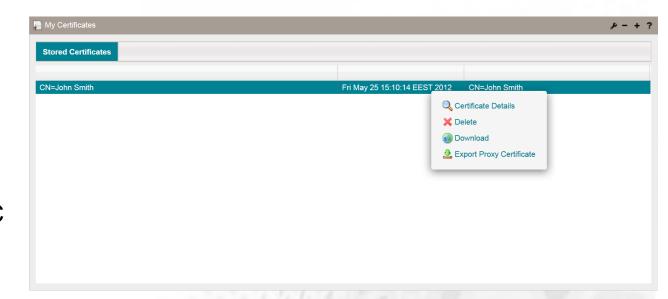


Host Name	Job ID	Username	Job Name	State	Queue	Computation Node
/uori	1316916	apsarin	NFBC66_c	RUNNING	serial	n115
/uori	1316905	apsarin	NFBC66_c	RUNNING	serial	n92
/uori	1316906	apsarin	NFBC66_c	RUNNING	serial	n92
ruori	1316907	apsarin	NFBC66_c	RUNNING	serial	n93
ruori	1316908	apsarin	NFBC66_c	RUNNING	serial	n93
/uori	1316896	apsarin	NFBC66_c	RUNNING	serial	n18
vuori	1316898	apsarin	NFBC66_c	RUNNING	serial	n84
vuori	1316894	apsarin	NFBC66_c	RUNNING	serial	n30
vuori	1316895	apsarin	NFBC66_c	RUNNING	serial	n18
vuori	1315356	apsarin	COROGENE	RUNNING	serial	n133
ouhi	981450.sdb	asf	snpc	Q	tiny-e	
ouhi	981653.sdb	asf	copper	Q	tiny-e	-
vuori	1316887	astrom	glas	RUNNING	parallel	n24
vuori	1316865	astrom	seb	RUNNING	parallel	n[25,28-30]
vuori	1316862	astrom	cell	RUNNING	parallel	n[53,63]
murska	855781	astrom	fret	RUN	parallel	7*Isfhost.localdomain
murska	855539	avaltone	north_job[1]	RUN	serial	Isfhost.localdomain
murska	855539	avaltone	north_job[2]	RUN	serial	Isfhost.localdomain
murska	855539	avaltone	north_job[3]	RUN	serial	Isfhost.localdomain
murska	855539	avaltone	north_job[4]	RUN	serial	Isfhost.localdomain
Total Number of Jobs	735	3 (jsmith)	Number of Pending Jobs	248 (34%)		



# My Certificates

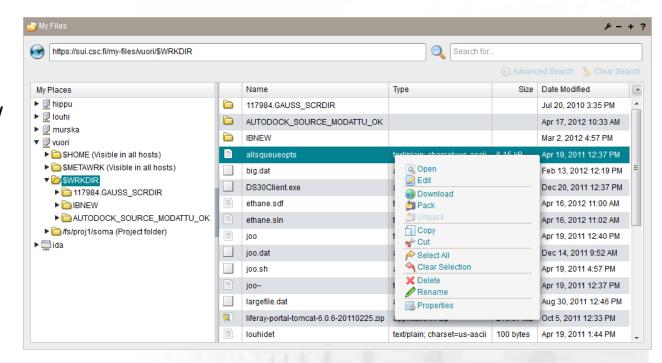
- Process your X509 digital certificates
- Format conversions, export proxies, save locally or to your CSC \$HOME
- Setup grid usage in CSC's computers





# My Files

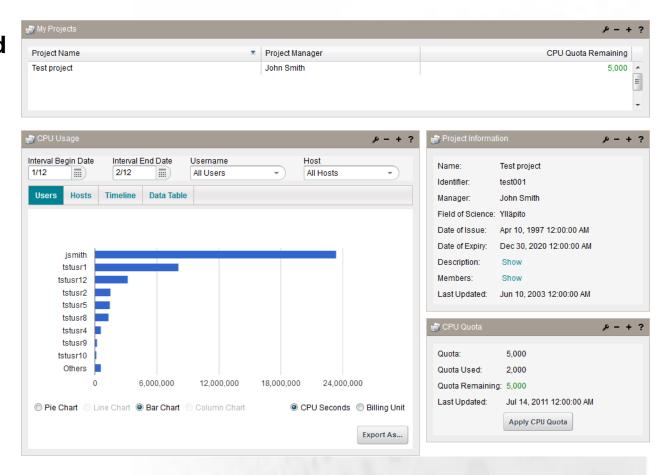
- Access your data in CSC's storage services in single view (computing servers and Ida)
- Transfer files
- Basic folder and file operations available





# My Projects

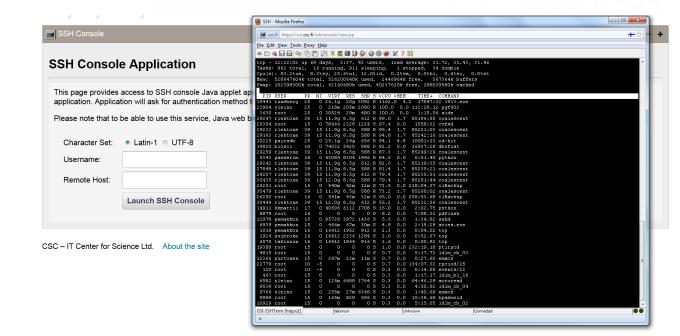
- View information and resource usage of your CSC projects
- Apply resources for your CSC customer project
- Resource usage
   presented by different
   kind of exportable
   graphs and data table





#### SSH Console

- Connect to CSC's computing servers
- UTF-8 character translation support





### Science Field Specific Application Environments

- Language Bank Rights
  - http://www.csc.fi/english/research/sciences/linguistics/index\_html
- Lemmie Corpus Query Interface
  - http://www.csc.fi/english/research/software/www-lemmie
- Digital Morphology Archives DMA
  - http://www.csc.fi/english/research/software/dma



### Science Field Specific Application Environments

- SOMA2 Molecular Modeling Environment
  - http://www.csc.fi/soma
- PalTuli Geospatial Data Service
  - http://www.csc.fi/paituli