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# IGE GLOBUS ONLINE CLIENT

Dr. Ioan Lucian Muntean, Marius Joldos  
Technical University of Cluj-Napoca



## What is the IGE GO Client?

- Software adaptation done by IGE
- Requested support for the Globus Online transfers in GridSFEA-based applications
- Objective:
  - Enable programmatic interaction of Java/Eclipse-based applications with the Globus Online service for reliable, secure, high-performance file transfer
  - Extends the official Java Globus Online client/example ([www.globusonline.org](http://www.globusonline.org))
- Benefits for the European Globus community
  - Elaborated example for common client-side operations with the Globus Online
  - Can be integrated in further applications for supporting interaction with Globus Online



# IGE GO Client in Action

The screenshot shows the IGE Globus Online Client interface. It features a main workspace with two panels for file transfer, a transfer history table, and a logging widget at the bottom. Annotations highlight key features:

- Endpoint – endpoint transfer:** Points to the configuration area where two endpoints are defined: Endpoint #1 (muntean#gt-ige) and Endpoint #2 (muntean#tudo-ige).
- Transfer history:** Points to a table listing transfer tasks with columns for Name, Status, and Hosts.
- Multiple file & directory transfer & delete:** Points to the file lists in the workspace panels.
- GridFTP and Globus Connect endpoints:** Points to the Transfer List table, which includes entries like 'muntean#gridway\_ucm' and 'muntean#gt-ige'.
- Logging widget:** Points to the bottom section showing an error log and workspace log.
- Endpoint mgmt widget:** Points to a context menu for the 'muntean#laptop\_lapacal05' endpoint, showing options like 'List endpoints', 'Activate endpoint', 'Create Endpoint', 'Deactivate endpoint', 'Open in Left Panel', and 'Open in Right Panel'.

Name	Status	Hosts
muntean#demo_synasc2012	false	gsiftp://gt-ige.u
muntean#gridway_ucm	true	gsiftp://gridway
muntean#gt-ige	true	gsiftp://gt-ige.u
muntean#gt-ige1	false	gsiftp://gt-ige.u
muntean#gt-ige2	false	gsiftp://gt-ige.u
muntean#lapacal05	false	null
muntean#laptop_lapacal05	true	null
muntean#LUBunt		
muntean#tudo-ig		
muntean#tudo		
muntean#tudo01		
muntean#utcn1		
muntean#utcn13		
muntean#utcn14		
a283212#MacBookPro	false	null
aaronbergstrom#az-test	false	gsiftp://ec2-50-
agarcia#gridftp		gsiftp://gridftp.
agarcia#gridftp		gsiftp://gridftp.
ahpcc#gs1.intr		gsiftp://tgw.uar
alcf#dt		gsiftp://gs2.intr
alcf#dt		gsiftp://gs1.intr
alcf#dtn_mira	false	gsiftp://miradr
alcf#dtn_surveyor	false	gsiftp://gs1.sur
alcf#dtn_test	false	gsiftp://gs1.intr
alexpaciorowski#DLAB_ws	false	gsiftp://146.79.
alfeijoo#svg03	false	gsiftp://svg03.c

Plugins deployed as stand-alone application. Deployable in Eclipse too!



[http://www.egcf.eu/site/GOClientDemo\\_EGCF2013\\_movie.mp4](http://www.egcf.eu/site/GOClientDemo_EGCF2013_movie.mp4)

## **DEMO MOVIE**