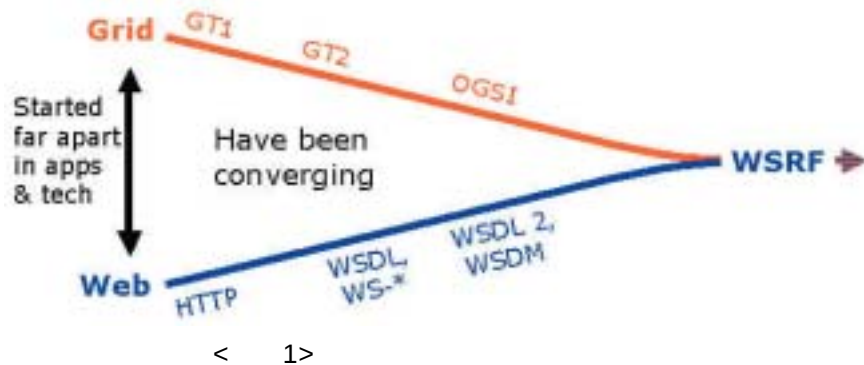


[IT]

, 가
 , 가
 1998 , (GGF: Global Grid Forum)
 . 1998
 (GT: Glous Toolkit)

1998 10 GT2 2002 2 , GGF4
 OGSA(Open Grid
 Services Architecture)가 . OGSA

XML, WSDL, SOAP, UDDI
 . 2003 7 OGSA
 OGSi(Open Grid Service Infrastructure) GT3



2004 1 , 2004 WSRF(Web Services Resource Framework)가
 OGSA

가 . 2005 5 ,

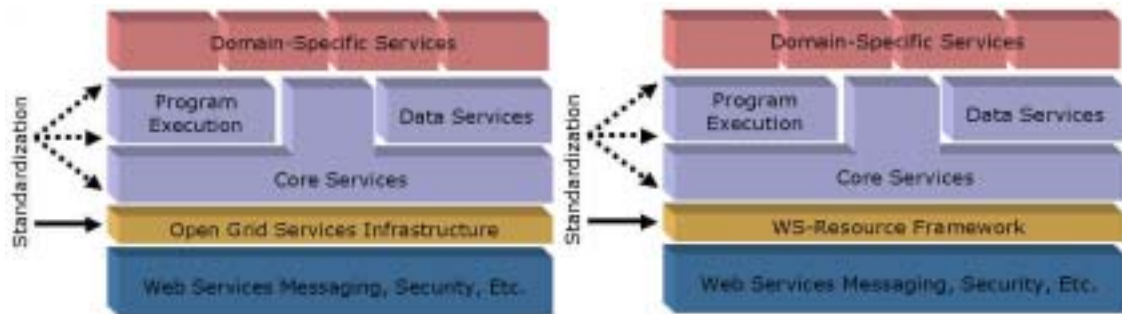
WSRF GT4가 (< 1>).

GT4

WSRF GT4가 . OGSi W3C WSDL
OGSA

, GT4 OGSA WSRF
WSRF가

OGSi (< 2>).



< 2> GT3 GT4

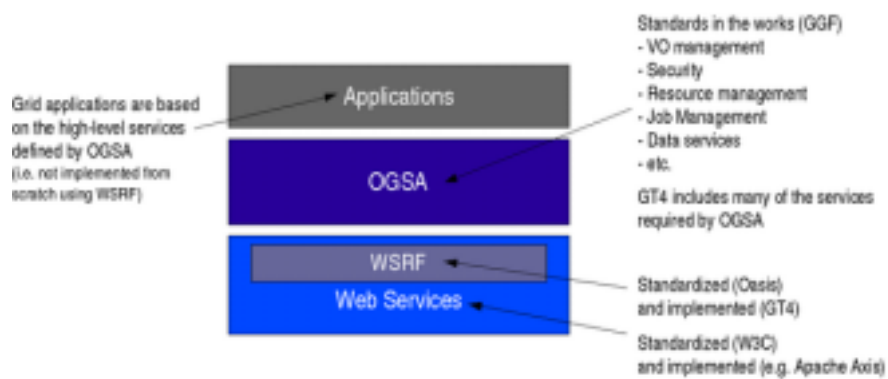
GT4

OGSi WS-Resource

WSRF (refactoring)

OGSA

(< 3>).



< 3> GT4

GT3 GT4

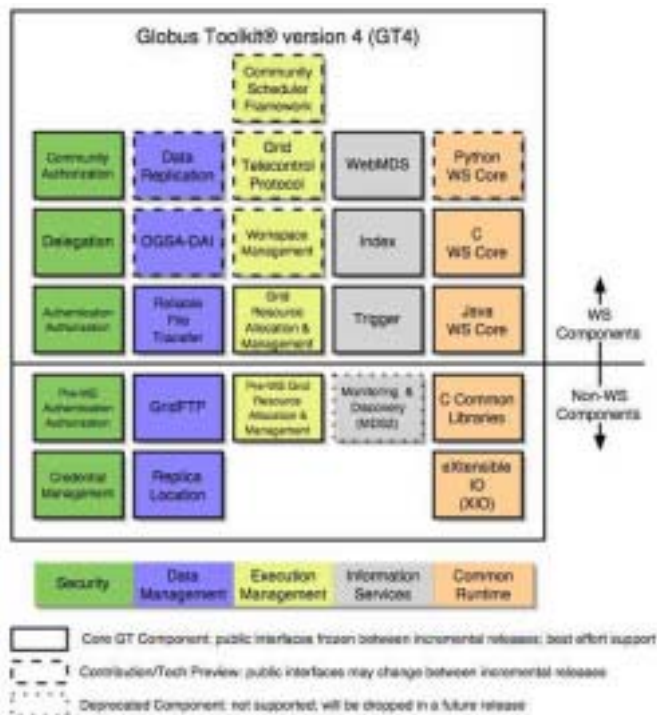
Java WS Core C WS Core,
XIO,

globus_io

RFT(Reliable File Transfer), API

GridFTP

가 (< 4>).



< 4> GT4

GT4

, GT4

WSRF

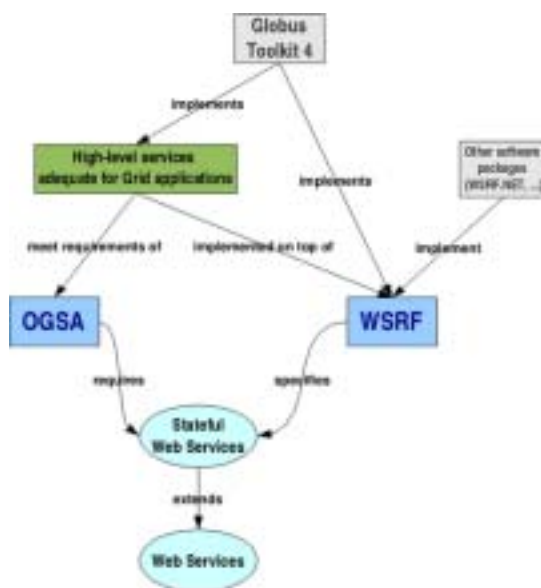
OGSA

OGSA

가

WSRF

(< 5).



< 5>

(, ywkim@dgu.edu)