

# EGEE

## R-GMA Site Publisher

---

Document identifier:	<b>EGEE-JRA1-TEC-publishsite-manual</b>
Date:	<b>May 11, 2006</b>
Activity:	<b>JRA1: Middleware Engineering and Integration (UK Cluster)</b>
Document status:	<b>DRAFT</b>
Document link:	

---

Abstract: This document describes the R-GMA site publisher

## 1 INTRODUCTION

Program to publish the following information to the Site table using R-GMA:

Name	Name of the site - should be globally unique
SysAdminContact	Systems Administrator contact (email)
UserSupportContact	User support contact (email)
SiteSecurityContact	Site security contact (email)
Latitude	Latitude of the site (North of equator is +ve)
Longitude	Longitude of the site (East of Greenwich is +ve)
ReadableName	Human-readable name of the site
Description	Human-readable description of the site
Location	Human-readable site location (e.g. address)
Web	Web location of the site

The last four properties are optional. If the ReadableName property is not specified, the unique site name property is used instead.

## 2 USAGE

The site publisher is controlled by an init.d script:

```
/etc/init.d/rgma-publish-site [start|stop|restart|status]
```

Once started, the Site publisher runs as a cron job and publishes a tuple to the Site table once per hour. To ensure this information is available to subsequent one-time queries, a SecondaryProducer should be set up to archive this table (for example using the RGMA flexible archiver). This is not done automatically.

The site publisher can also be run manually using:

```
$RGMA_HOME/bin/rgma-publish-site
```

## 3 CONFIGURATION

The site configuration file is:

```
$RGMA_HOME/etc/rgma-publish-site/site.props
```

The initial values of the compulsory properties are all of the form changeme@invalid.com. The site publisher will recognize these initial values and will not publish any information until the defaults have been changed. An error message will be logged in this case.

## 4 LOGS

The log file is:

```
/var/log/glite/rgma-publish-site.log
```

Logging may be configured by editing the file

```
$RGMA_HOME/etc/rgma-publish-site/log4j.properties
```