Geospatial Open Source Training & Mentoring Services

Service Definition v11.1

Service Description

Astun provide a training and mentoring service for the full range of OSGeo technologies. Our courses have been delivered to hundreds of delegates with very positive feedback.

All courses are available as **Public Courses**, held at our offices in Epsom and other venues around the country or as **Private Courses** at your offices which can be customised to meet your specific needs. The training courses are under constant review and are regularly updated for new features in the various software packages and following customer feedback.

Our courses are accredited for CPD points by the Association for Geographic Information (AGI).

If you have a specific task that you want to deliver using OSGeo technologies, Astun's 'one-on-one' mentoring service could be just what you need. Mentoring combines personalised training focused on a specific task or project with an ongoing relationship with your mentor to support you following the one-on-one session. Astun's mentoring is the ideal way for developers to get up to speed and deliver quickly when undertaking their first project with OSGeo technologies.

Service Features

- Courses for Geoserver, QGIS, PostgreSQL/PostGIS and Python
    - GeoServer: Essentials (2 days) Advanced (1 day) Wizard (1 day +)
    - QGIS: Essentials (2 days) Advanced (1 day) Enterprise (1 day)
    - PostGIS: Essentials (2 days) Database Administration Essentials (1 day)
    - Python: Essentials (1 day) For QGIS (1 day)
- Mentoring in the full range of OSGeo technologies
    - Mentoring Packages of 2 or more days

Service Benefits

- Public Courses at a number of venues around the country
- Customisable Private Course delivered on-premise
- Most knowledgeable trainers in UK for GeoServer, QGIS and PostGIS
- Courses Accredited for CPD points by the AGI
- Mentoring for specific tasks or projects using OSGeo technologies

Expertise

Our trainers are some of, if not the most, knowledgeable trainers in the UK for GeoServer, QGIS, PostGIS and Python. As well as training they provide mentoring, development and consultancy so should be able to answer any real life questions you may have. We have been using these products in our solutions since 2005.

Our key trainers

Ian Turton

- Founder and code commiter for the GeoTools java library which provides the underpinning spatial tools for GeoServer
- Over 25 years experience with Open Source programs such as GeoServer, PostGIS, QGIS etc
- Developed and led University Masters degree courses
- A founding Charter Member of the OSGeo Foundation

Antony Scott

- Extensive, practical experience with QGIS since 2008
- Provides QGIS expertise to MapAction
- Regularly contributes presentations to QGIS events, primarily in the South West.
- Masters degree in GIS from Cranfield University

Matt Walker

- Matt has extensive experience working with GIS and programming languages (Python, JavaScript, Java) spanning over 15 years
- Passion for Open Source and regularly provides workshops at various Open Source events
- Working with Python since 2011 having been the author of the Open Source GML Loader and provided commits to other projects such as MapProxy
- Charter member of the OSGeo Foundation

Formal Training Courses

GeoServer

Astun offers two GeoServer courses, a two day 'Essentials' course and a 1 day 'Advanced' course for which the 'Essentials' course is a prerequisite.

- GeoServer Essentials (2 days)
- GeoServer Advanced (1 day)
- GeoServer Wizard (1 day +)

For more details, please see: https://astuntechnology.com/geoserver-training/

QGIS

Astun offers three QGIS courses, a two day 'Essentials' course and 1 day 'Advanced' and 1 day 'Enterprise' courses for which the 'Essentials' course is a prerequisite.

- QGIS Essentials (2 days)

- QGIS Advanced (1 day)
- QGIS Enterprise (1 day)

For more details, please see: https://astuntechnology.com/qgis-training/

PostGIS

Astun offers two PostGIS courses, a two day 'Essentials' course and a 1 day 'Database Administration' course for which the 'Essentials' course is a prerequisite.

- PostGIS Essentials (2 days)
- PostGIS Database Administration Essentials (1 day)

For more details, please see: https://astuntechnology.com/postgis-training-modules/

Python

Astun offers two Python courses, a one day 'Essentials' course and a 1 day 'Python for QGIS' course for which the 'Essentials' course is a prerequisite.

- Python Essentials (1 day)
- Python for QGIS (1 day)

For more details, please see: https://astuntechnology.com/python-training/

Other Courses

Astun also offers other occasional formal courses in other Open Source Geo-technologies.

A typical example is our introductory **Location Data and Mapping with QGIS**:

This one day course introduces GIS (Geographic Information Systems), combining key concepts with hands-on experience using QGIS. Aimed at delegates wanting to extend existing data management experience to include mapping, you will learn how to both produce simple printable maps, generate web maps for sharing and publication, and could move on to our QGIS Essentials for further learning.

Mentoring Services

Typically a Mentoring Programme will include:

- Requirements analysis
- Preparation determined by requirements
- On site delivery
- Brief documentation of delivery

Astun Mentoring Programmes can assist in delivering projects utilising the full range of OSGeo

technologies including:

- QGIS
- MapServer
- GeoServer
- MapProxy
- OpenLayers
- PostgresSQL/PostGIS
- Loader!
- Python
- QGIS

Mentoring packages will typically combine 2 to 3 days of one-on-one consultancy and instruction with 1 or 2 days of subsequent follow up and support.

Pricing

See Pricing Schedule

Service management details

Consultant's Working Day	7 hours exclusive of travel and lunch.
Working Week	Monday to Friday excluding national holidays
Office Hours	09:00 – 17:00 Monday to Friday
Travel and Subsistence	Included in day rate within M25.
	Payable at department's standard T&S rates outside M25.
Mileage	Included in day rate within M25.
	Payable at department's standard T&S rates outside M25.

Ordering and invoicing process

Public Training Courses

Our Public Training Courses should be booked online at:
https://astuntechnology.com/training-courses/#schedule-and-booking

Customers can pay online by credit card at the time of booking or confirm that they will be providing a formal purchase order by email with 3 working days.

Astun will provide:

- An invoice for the service after delivery if a purchase order has been raised
- Details of course location, timings etc

Private Training Courses and Mentoring

The customer should provide by email:

- A purchase order confirming the course details and number of delegates or mentoring requirements
- The name of the primary contact
- The name of the other delegates
- Signed acceptance of the Terms & Conditions for Geospatial Open Source Training & Mentoring services

Astun will provide:

- An invoice for the service after delivery
- Details of course location, timings etc

Termination

By customers

50% of the course fee is payable for any cancellation less than 4 weeks before a course runs.

By the Supplier

Astun reserves the right to cancel a course and re-arrange it at a later date if required due to trainer illness or other unforeseen circumstances.