

ICT Seventh Framework Programme (ICT FP7)

Grant Agreement No: 318497

Data Intensive Techniques to Boost the Real – Time Performance of Global
Agricultural Data Infrastructures



D7.6b: Knowledge Kit

| Deliverable Form | |
|------------------------------|--|
| Project Reference No. | ICT FP7 318497 |
| Deliverable No. | D7.6b |
| Relevant Workpackage: | WP7: Dissemination and Exploitation |
| Nature: | Other |
| Dissemination Level: | PU |
| Document version: | V2.0 |
| Date: | 4/3/2016 |
| Authors: | NCSR-D |
| Document description: | Description of semagrow.github.io, a site that collects documents and pointers to code repositories regarding the SemaGrow Stack, the core output of the project. It also includes a live demo that can be used as a showcase. |

Document History

| Version | Date | Author (Partner) | Remarks |
|---------|------------|------------------|---|
| V0.9 | 24/11/2015 | NCSR-D | Final draft |
| V1.0 | 26/11/2015 | UAH | Internal review. Delivered as D7.6 |
| V1.1 | 4/3/2016 | NCSR-D | Added Sections 1.1 and 1.2 to explain target audience, goals and objectives (per technical component) |
| V1.2 | 4/3/2016 | UAH | Internal review. |
| V2.0 | 4/3/2016 | NCSR-D | Delivered as D7.6b |

1. INTRODUCTION

The SemaGrow knowledge kit has been published at <http://semagrow.github.io>

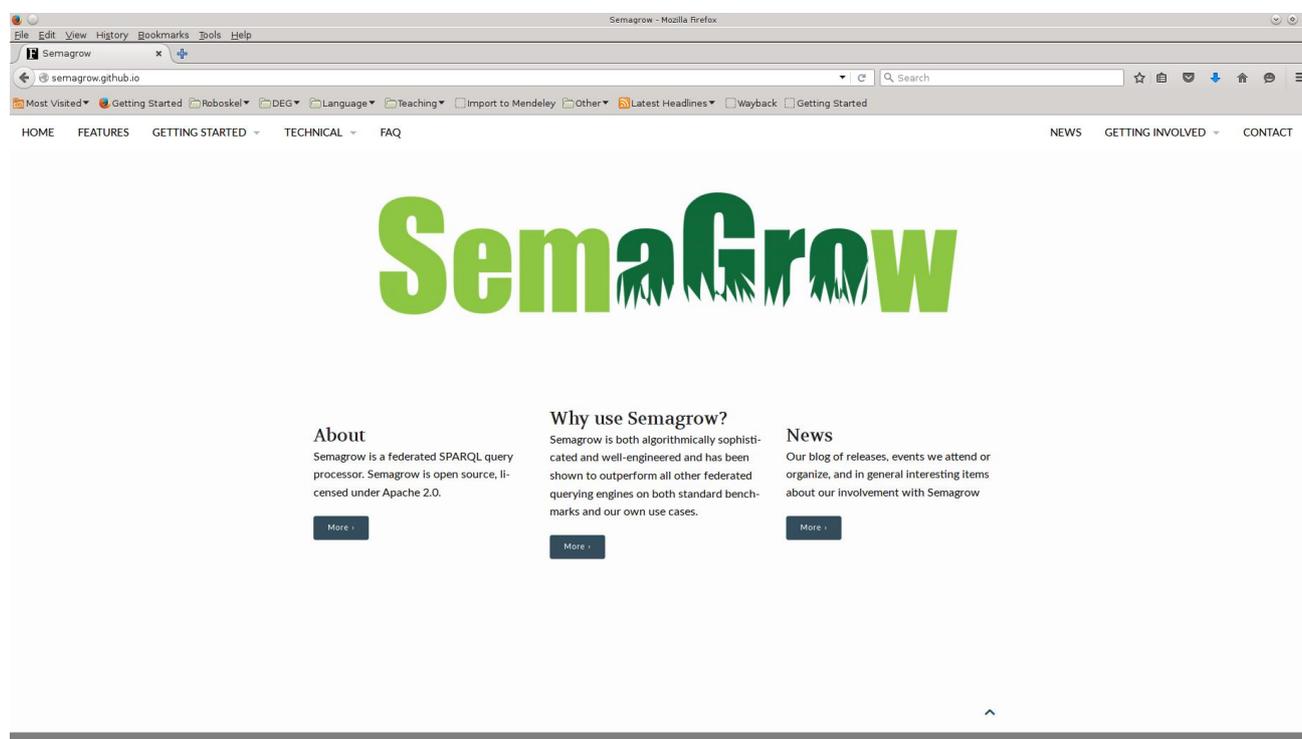
The site is hosted by Github, as a repository of the Semagrow organization: <http://github.com/semagrow>

Following the Github sites convention, the repository that hosts the site is

<http://github.com/semagrow/semagrow.github.io>

The SemaGrow knowledge kit collects documents and pointers to code repositories regarding the SemaGrow Stack, the core output of the project. It also includes a live demo that can be used as a showcase.

The site will remain on-line at its current domain for at least three years after the project ends.



1.1 Target audience

The target audience of the Knowledge Kit is:

- Developers of client applications who need resources about how to deploy, configure, and query a SemaGrow Stack from their application
- Developers and researchers who are interested in the methods, architecture, and internal interfaces of the SemaGrow Stack

1.2 Goals and objectives, technical components

| Target audience | Goals and objectives | Scope (components covered) and pointers |
|-----------------------------------|---|--|
| Developers of client applications | Identify the potential of the SemaGrow Stack for their application | SemaGrow Stack: key features http://semagrow.github.io/features |
| | Experiment with querying a SemaGrow Stack from a client app | SemaGrow Stack: demo that can be queried http://semagrow.github.io/online_demo |
| | Deploy and configure a SemaGrow Stack | SemaGrow Stack: deployment instructions http://semagrow.github.io/deployment-instructions Sevod scraper and strHist: configuration how-to http://semagrow.github.io/configuration |
| Researchers and core developers | Understand the architecture and internal interfaces, re-user or further develop SemaGrow components | SemaGrow Stack: architecture http://semagrow.github.io/architecture SemaGrow Stack: Javadocs http://semagrow.github.io/semagrow/api-1.4/ |
| | Understand the methods that the SemaGrow Stack implements, conduct further research | SemaGrow Stack and strHist: publications http://semagrow.github.io/reports_and_publications Potential collaboration: http://semagrow.github.io/contact |