

ICT Seventh Framework Programme (ICT FP7)

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



D7.6b: Knowledge Kit

Deliverable Form	
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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>

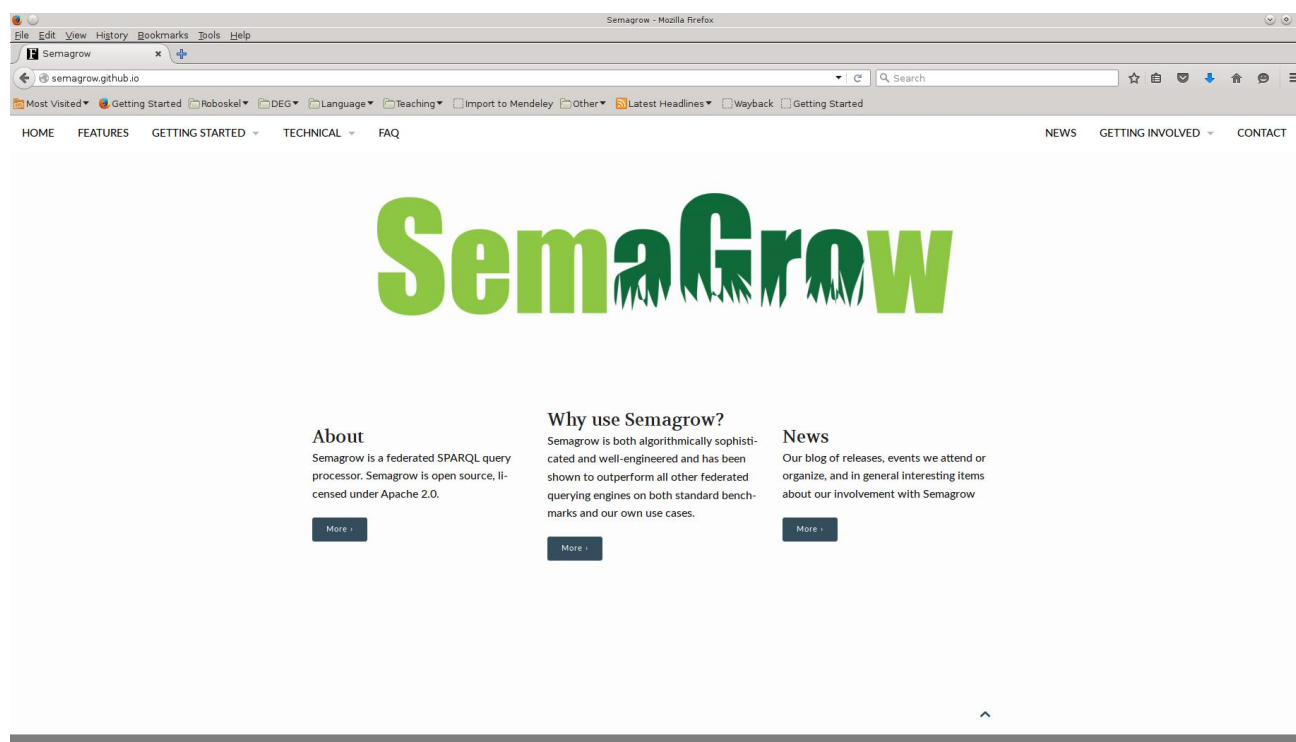
The site is hosted by Github, as a repository of the Semagrow organization: <http://github.com/semagrow>

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