HANA App Community Wiki Introduction

This document describes how to build/contribute wiki pages to the HANA App Community. The example case used in this document is to establish a wiki repository of HANA information.

As shown in Fig. 1, in the HANA App Community on GitHub, a repository named "HANA101" has been created to allow repository editors to upload HANA materials for HANA Application Developers in the community.
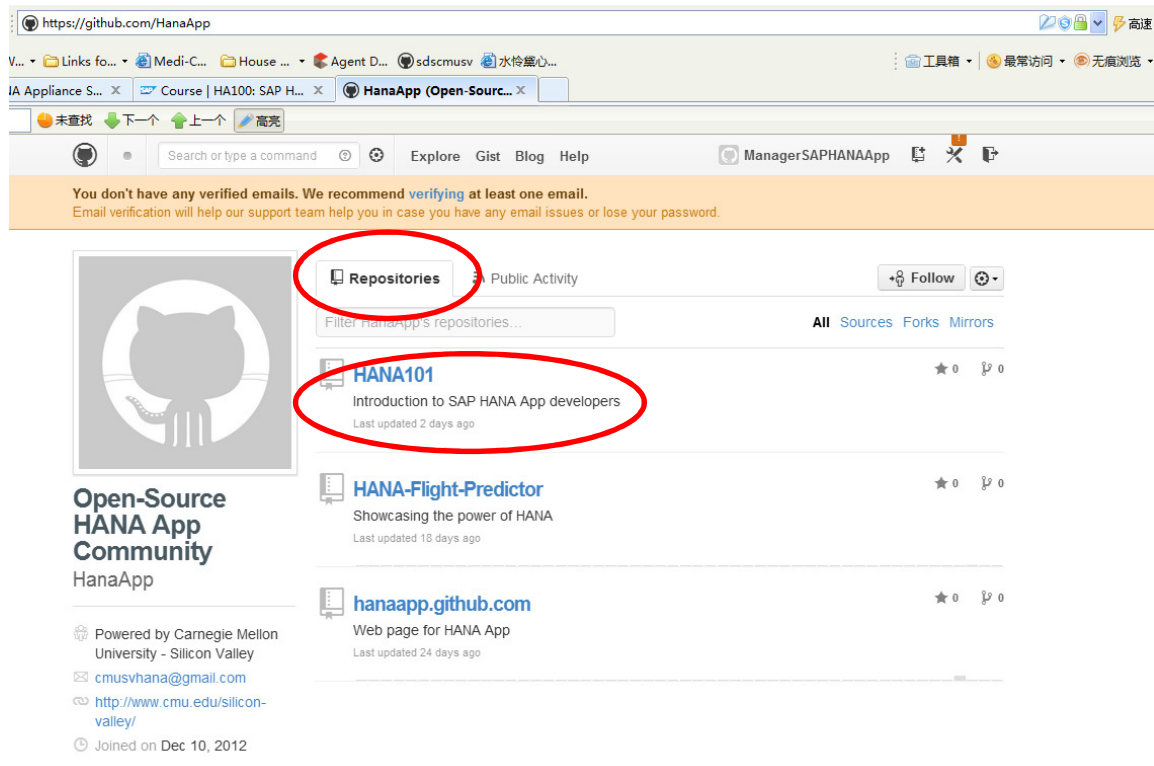

Fig. 1. Create a Wiki site as a GitHub repository.

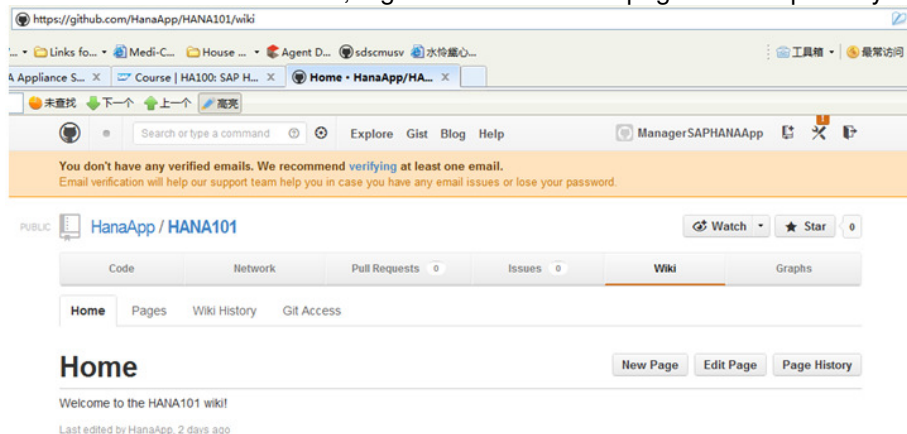If clicking the created HANA101 above, Fig. 2 shows the homepage of the repository.

Fig. 2 Homepage of HANA101.

By clicking "Wiki" tab and "Pages" tab, one can view existing Wiki pages and add "New Page."
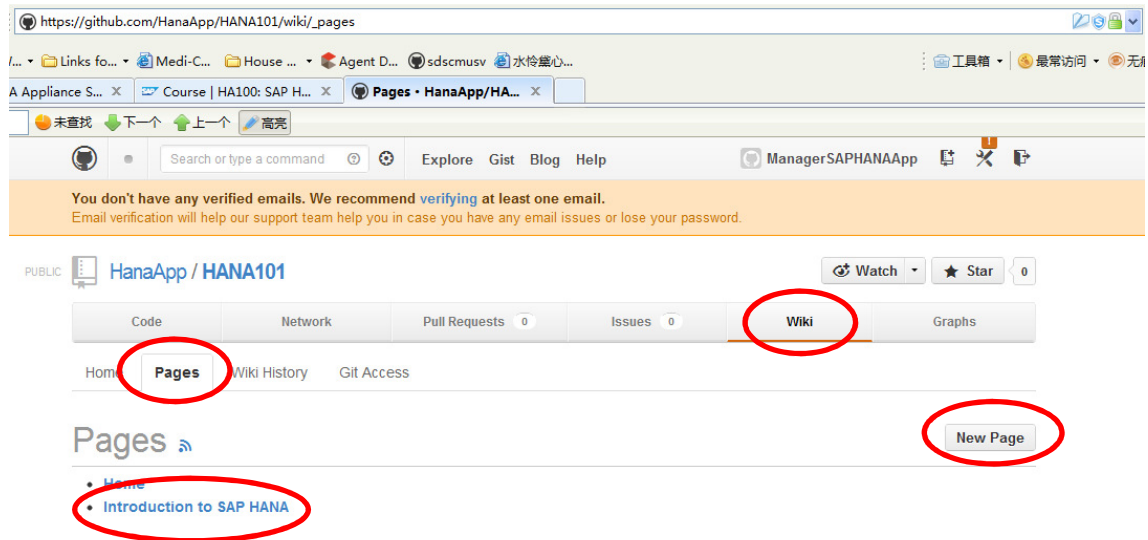Fig. 3 illustrates a wiki page "Introduction to SAP HANA" has been created.

Fig. 3 Wiki page creation.

Fig. 4 illustrates the wiki page editable of "Introduction to SAP HANA."

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Home Pages Wiki History Git Access

Introduction to SAP HANA

New Page | Edit Page | Page History

SAP HANA is SAP AG's implementation of in-memory database technology. There are four components within the software group:

- SAP HANA DB (or HANA DB) refers to the database technology itself,
- SAP HANA Studio refers to the suite of tools provided by SAP for modeling,
- SAP HANA Appliance refers to HANA DB as delivered on partner certified hardware (see below) as an appliance. It also includes the modeling tools from HANA Studio as well as replication and data transformation tools to move data into HANA DB.
- SAP HANA Application Cloud refers to the cloud based infrastructure for delivery of applications (typically existing SAP applications rewritten to run on HANA).

HANA DB takes advantage of the low cost of main memory (RAM), data processing abilities of multi-core processors and the fast data access of solid-state drives relative to traditional hard drives to deliver better performance of analytical and transactional applications. It offers a multi-engine query processing environment which allows it to support both relational data (with both row- and column-oriented physical representations in a hybrid engine) as well as graph and text processing for semi- and unstructured data management within the same system. HANA DB is 100% ACID compliant.

While HANA has been called variously an acronym for HAsso's New Architecture (a reference to SAP founder Hasso Plattner) and High Performance ANalytic Appliance, HANA is a name not an acronym.

Last edited by HanaApp, 2 days ago

Fig. 4 Editable Wiki page