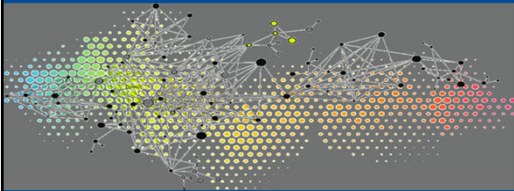


STATISTICS



Compilers Hub Status Update (BOPCOM 24/12)

Forty-Fourth Meeting of the IMF Committee on
Balance of Payments Statistics

November 5–7, 2024

1

Outline

- **Background**
- Membership
- Structure of the Compilers Hub
- Compilers Hub – Demo
- Where we are at now and way forward
- Talk to the Manuals – bot

IMF | Statistics

2

Background

Compilers Hub: User-friendly digital solution for the GLOBAL Statistical Community

Platform for:

Sharing knowledge: powerful vehicle to support CD

Fostering **collaboration**: network of experts; dynamic functionalities for co-development

Convening topical conversations: problem solving; new user needs; best practices

Stakeholders:

IMF, other International Organizations, and Government officials producing or analyzing macroeconomic or other statistics.

3

Membership (User Profile)

While the Hub will be open to any visitor, the levels of engagement are designed to have four levels of access:

1. Visitor: general public to an open website
=> Page with an overview of the hub and access to some public information;
2. Member: users need to register and provide some relevant information including interests and skills
=> Access to members-only information; ability to generate and join projects and load information
3. Administrator: superusers that moderate the flow of information in the hub, approve documentation upload and projects
4. Owner: users in charge of the site management and privileges across administrators

4

Structure of the Compilers Hub



RESOURCES

*Digital Library;
Research Corner;
Training Center;
IT tools;
Databases*



COMMUNITY

*Knowledge
Sharing;
Discussion Forum;
Technical
Questions and
Answers*



COLLABORATION

*Project co-development;
Skills and interests
matching;
Methodological
development*

The Hub's Architecture

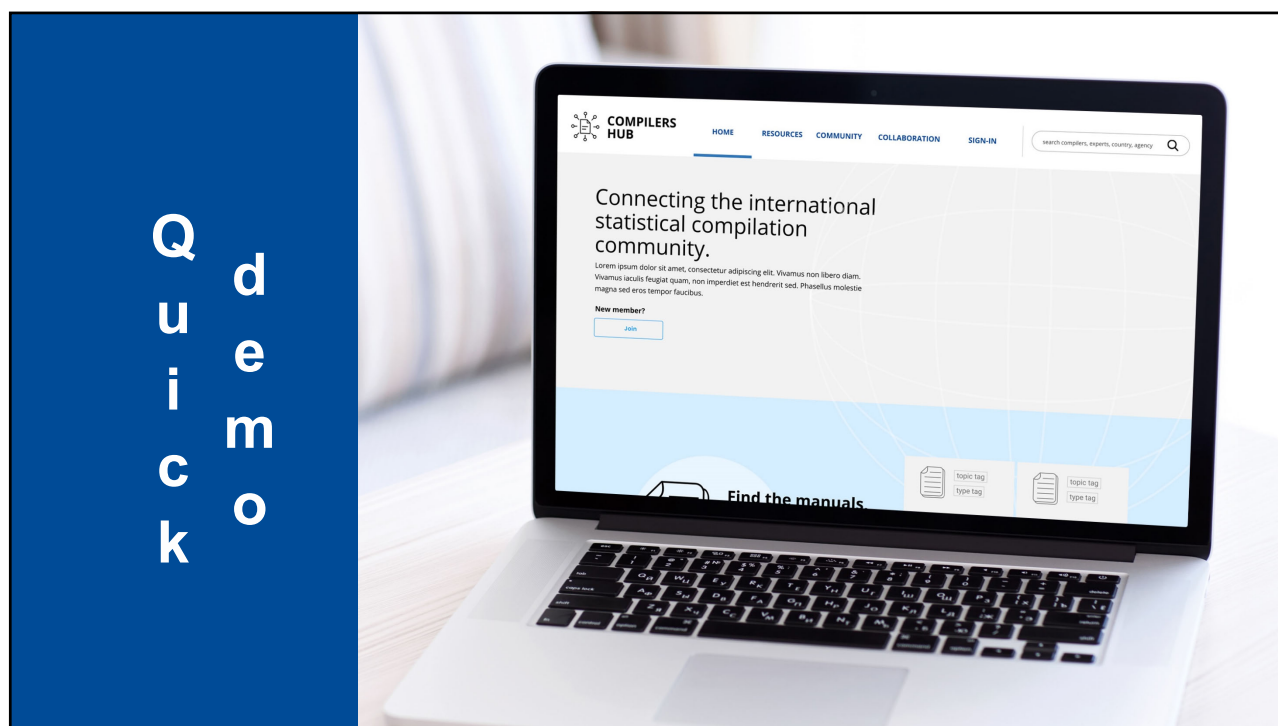
The overall infrastructure of the Hub is based on:

Artifacts that are classified by:

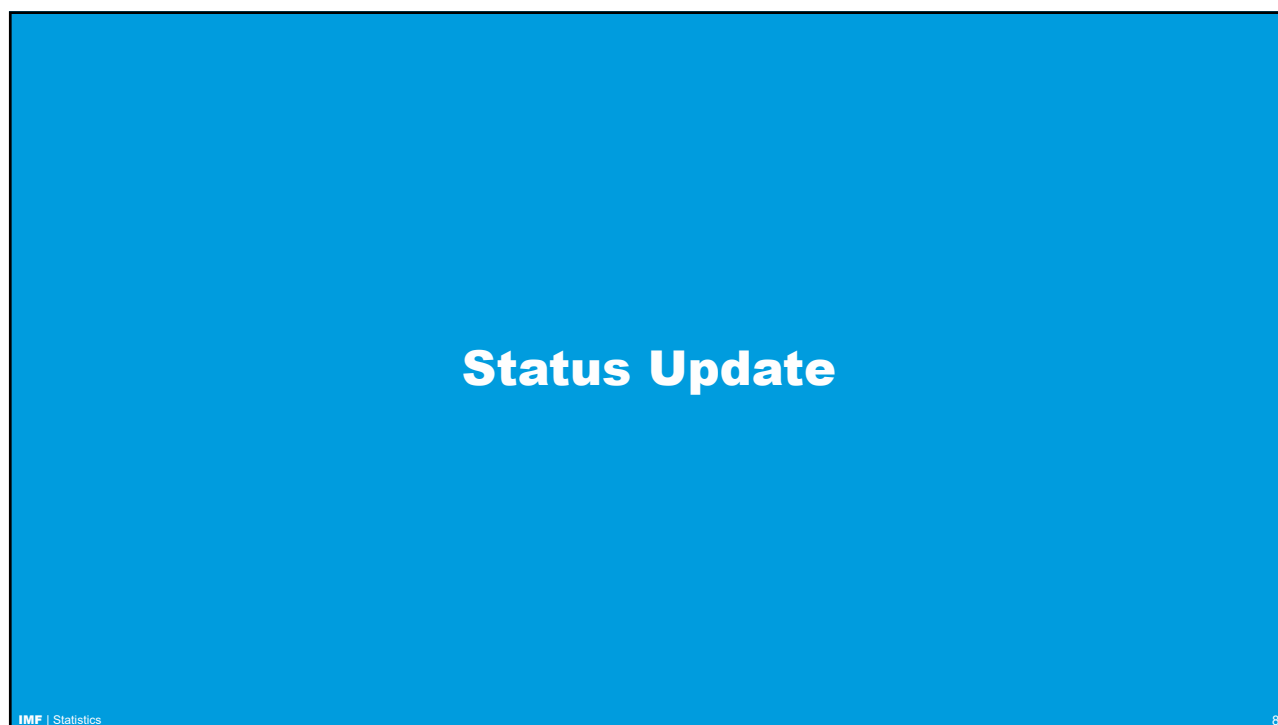
- Domain (topical statistics: e.g., NA, ESS, GFS, etc.)
- Topic (specific groups by topics: e.g., ISA, QNA, SUT;
BOP, IIP, FDI;
Public Debt, Fiscal Transparency)

Users that are categorized by:

- Interest
- Skillset
- Expertise



7



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Where we are at now

Final stages of the **current phase**

- STA team is testing the new developments (Resources and Profiles)
 - To detect defects; to validate functionalities; to propose improvements –user experience
- Will start a third round of testing “External Users” type
- Initial discussions/developments for **Phase 2.2** – including the addition of “**Talk to the Manuals**” application, the notifications functionality, and the interfaces to manage the Hub’s back end

The **next phase** requirements have been broadly defined. Key issues are being discussed/investigated/developed:

- The security protocols
- The hub’s (community of practice) governance; moderation; confidentiality; copyrights; visitor’s page; interagency management; launching
- Funding allocation–potential **additional phase**

‘Talk2manuals’ bot



“Talk2manuals” Bot:



=> All manuals combined, are several thousands of pages

=> Difficult to read and extract information

The Bot will:

- Make interaction user friendly
- Leverage new AI technologies
- Make the solution a public good
- Be integrated with the Compilers Hub

Demo:

Thank You