

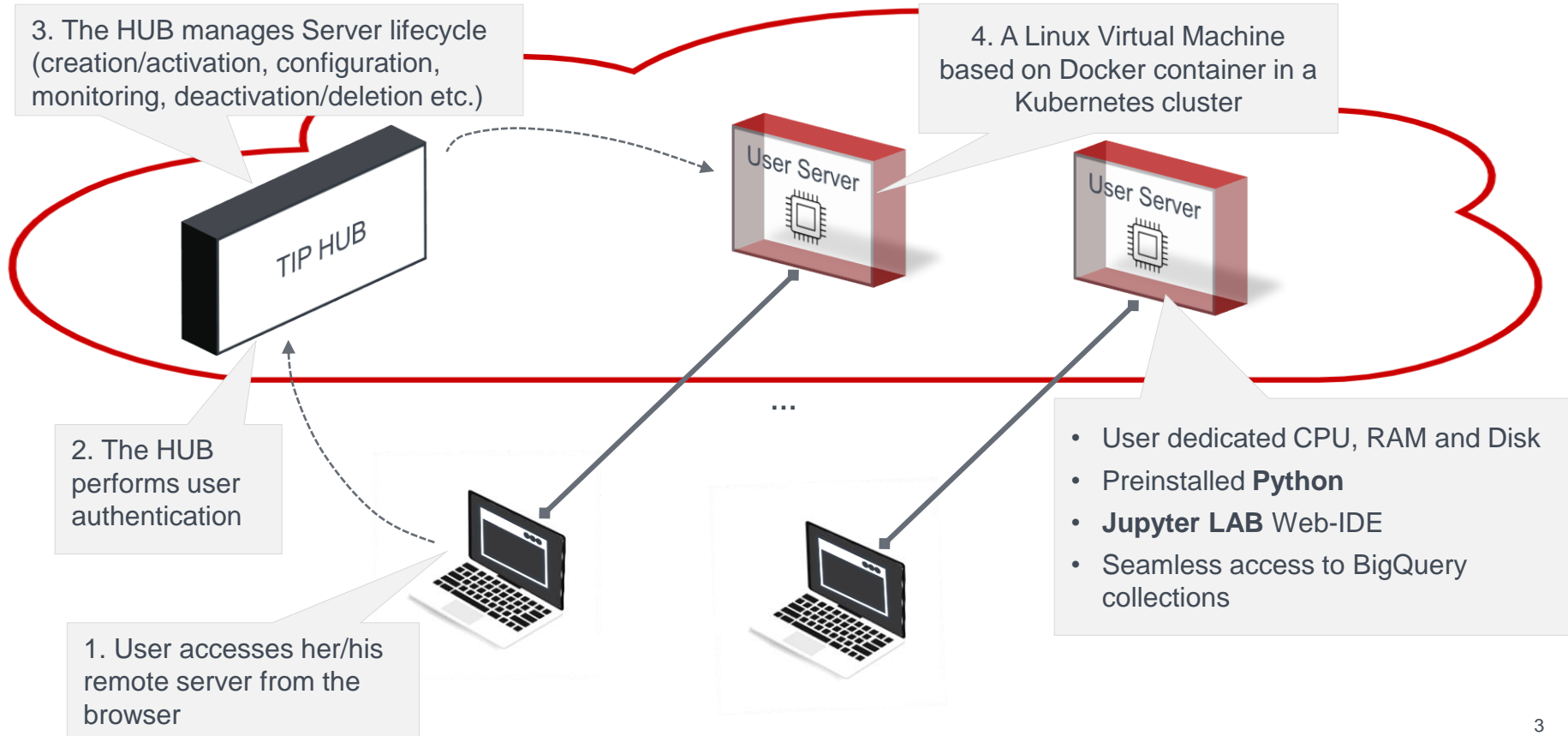
# TECHNOLOGY INTELLIGENCE PLATFORM

M.CANTAGALLO | APPLICATION OWNER - PATENT INFORMATION TOOL | 22.01.2025

## WHAT IS TIP

A powerful patent-oriented computing platform, characterised by being:

- Modern: based on state-of-the-art open-source technology
- Open to the public
- Easy to access and to start using
- Easy to learn for beginners
- Scalable and powerful for advanced usage
- A simple and centralized access to both EPO data and any public dataset



## AVAILABLE DATASETS: PATSTAT

- Complete collection of bibliographical and legal event patent data (>140Mio records)
- Updated every 6 months (Spring/Autumn edition)
- Stored on **BigQuery** for seamless, fast and exclusive access from the user server
- Schema identical to PATSTAT Online, existing SQL can be reused
- Simplified access by means of ad-hoc Python library (ORM based)

## AVAILABLE DATASETS: EP FULL-TEXT (EPAB)

- Complete collection of European Publications (~7.6Mio documents)
- Comprises: bibliographic, full-text sections, search report, drawings, pdf, sequence listings (analogous to EPAB online service)
- Updated every week (Wednesday afternoon)
- Stored on **BigQuery** for seamless, fast and exclusive access from the user server
- Simplified access by means of ad-hoc Python library which offers:
  - Simplified query builder (overcoming SQL complexity)
  - Statistical methods
  - Rich output rendering

## AVAILABLE DATASET: OPS

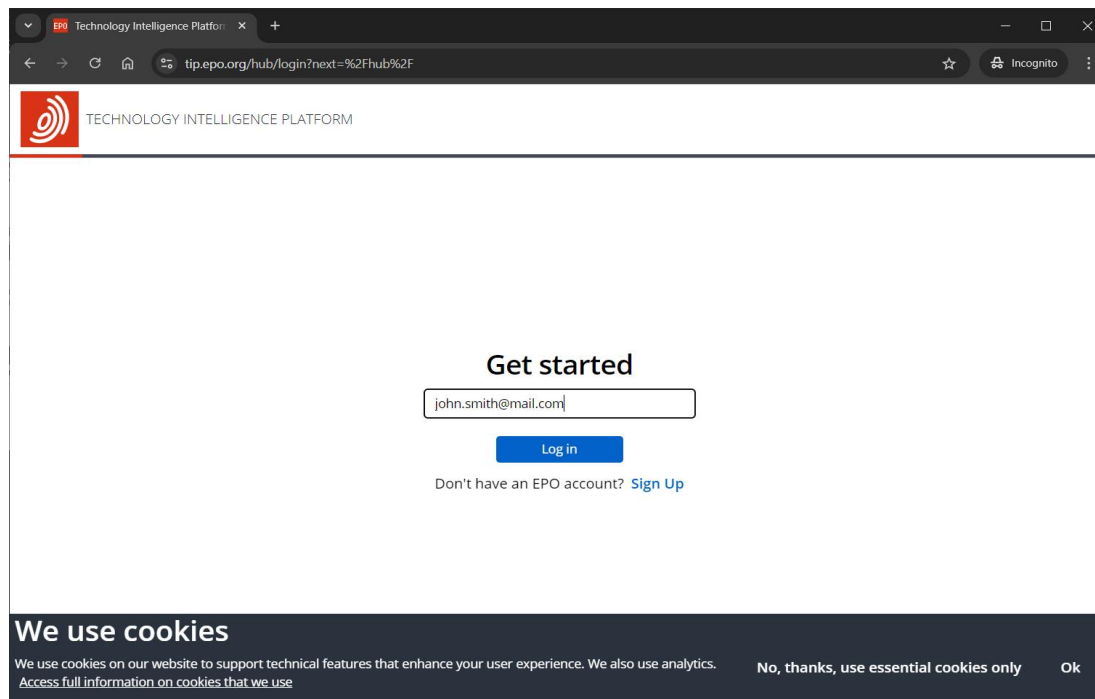
- Simplified access to the OPS RESTful APIs by means of ad-hoc Python library
  - Leverages user credentials for authenticating
  - Hides underlying communication complexities like throttling and paging
  - Multiple output types (raw XML, Pandas DataFrame)
  - Will be further enhanced (e.g., combined calls, more extractions)

## APPLICATION SCENARIOS

- Patent data retrieval and advanced inspection
- Statistical patent analysis (market/technology trends), especially in combination with public or proprietary datasets
- Training set extractions / formatting / preparation for AI
- Custom / ad-hoc SW solution (e.g. interactive dashboards)
- And much more...

## ACCESSING TIP

<https://tip.epo.org>



The screenshot shows a web browser window with the URL `tip.epo.org/hub/login?next=%2Fhub%2F`. The page header includes the EPO logo and the text "TECHNOLOGY INTELLIGENCE PLATFORM". The main content area features a "Get started" heading, a text input field containing the email address "john.smith@mail.com", a blue "Log in" button, and a link for "Don't have an EPO account? Sign Up". At the bottom, a dark cookie consent banner is visible with the text "We use cookies", "We use cookies on our website to support technical features that enhance your user experience. We also use analytics. Access full information on cookies that we use", and buttons for "No, thanks, use essential cookies only" and "Ok".



The screenshot shows the EPO Technology Intelligence Platform interface in a web browser. The browser's address bar displays the URL `tip.epo.org/user/LDgMuLSyA9zsPfabHHqodZ/lab`. The system tray at the top right shows resource usage: CPU: 0% (4), Mem: 1% (0.3 / 32 GB), Disk: 1% (0 / 30 GB), and DL-Data: 0% (0 / 10 GB). The interface includes a file explorer on the left with a table of files:

Name	Modified
lost-found	6 months ago
training	4 months ago
test.ipynb	4 months ago

The main content area features a "Create new notebook" section with a dropdown menu set to "Python 3 (ipykernel)" and a "Create" button. To the right are buttons for "Terminal", "Markdown File", "VS Code", "Python File", "Text File", and "Show Contextual Help". Below this is a "Bookmarks" section with an "Add bookmark" button. The "Links & Documentation" section is divided into three columns:

- Resources**
  - [Introduction to the Platform](#)
  - [EPO Academy training](#)
  - [PATSTAT Library Documentation](#)
  - [EP Full Text Library Documentation](#)
- Legal documents**
  - [Data Protection Statement for the Technology Intelligence Platform](#)
  - [Terms and Condition for the Technology Intelligence Platform](#)
  - [Explanatory Information and Technical Instructions](#)
  - [Data Protection Statement for EPO Customer Identity and Access Management](#)
  - [Terms and conditions for the licensing of EPO databases](#)
- Help and Assistance**
  - [Contact Us](#)

At the bottom of the interface, the system tray shows "Simple" mode, a taskbar with icons, and system status: CPU: 0.00 % Mem: 0.31 / 32.00 GB. The bottom right corner indicates "Launcher 0" and a page number "9".