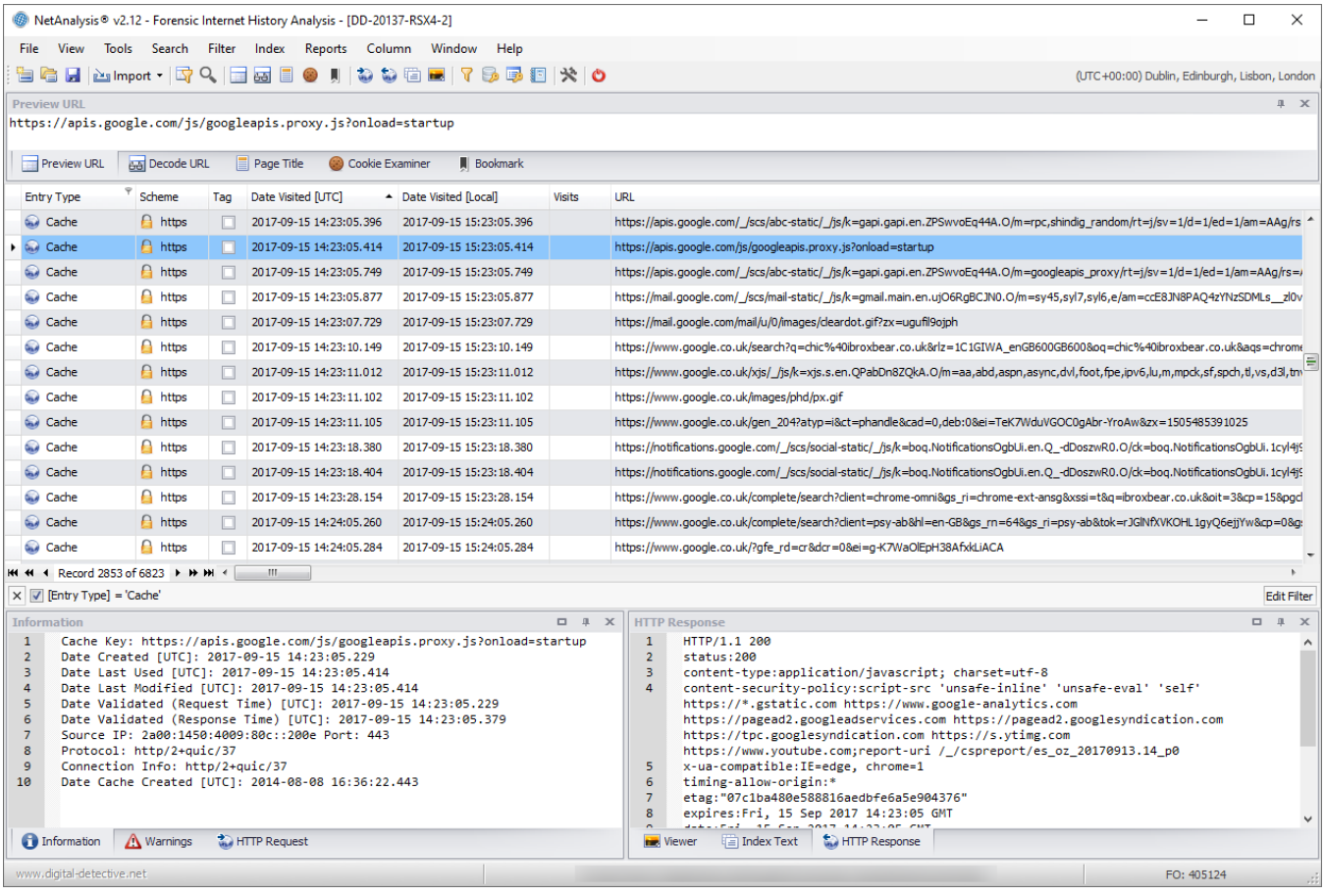
NetAnalysis v2.12

Introduction

This release of NetAnalysis® adds support for another two browsers, namely AVG Secure Browser and Min Browser. We have also added support for thirty-eight new versions of other browsers.



New Features

AVG Secure Browser

AVG Secure Browser is a web browser with built-in security and privacy features designed by AVG Technologies, a subsidiary of Avast. It claims to be a fast, secure browser with built-in adblock, anti-phishing, safer online banking, password manager and a host of other security focused features.

Min Browser

Min Browser is an open-source web browser which has been designed with a minimalist outlook. The tabs in Min take up less space as they are combined with the search bar into one row. Another interesting feature is the ability to organise tabs into Tasks, this is similar to the Tab Groups feature in Firefox. It also has a Focus Mode which hides the other tabs with an aim to prevent distractions.

Apple Safari

We have added support for remote user notification permissions and enhanced the support for recently closed tabs.

Microsoft Edge Collections

We have added support for the new Microsoft Edge Collections feature.

Collections offers a way to save and group information found on the Internet. Microsoft suggests that Edge users may use Collections to "collect and compare" shopping items, to gather holiday ideas and plan trips, or to group selected sites by theme, for example, news sites.

Yandex Login Data

Yandex browser has recently changed the way it stores a user's login credentials. NetAnalysis® now has support to import and interpret data from this new file.

Chromium Based Quota Manager

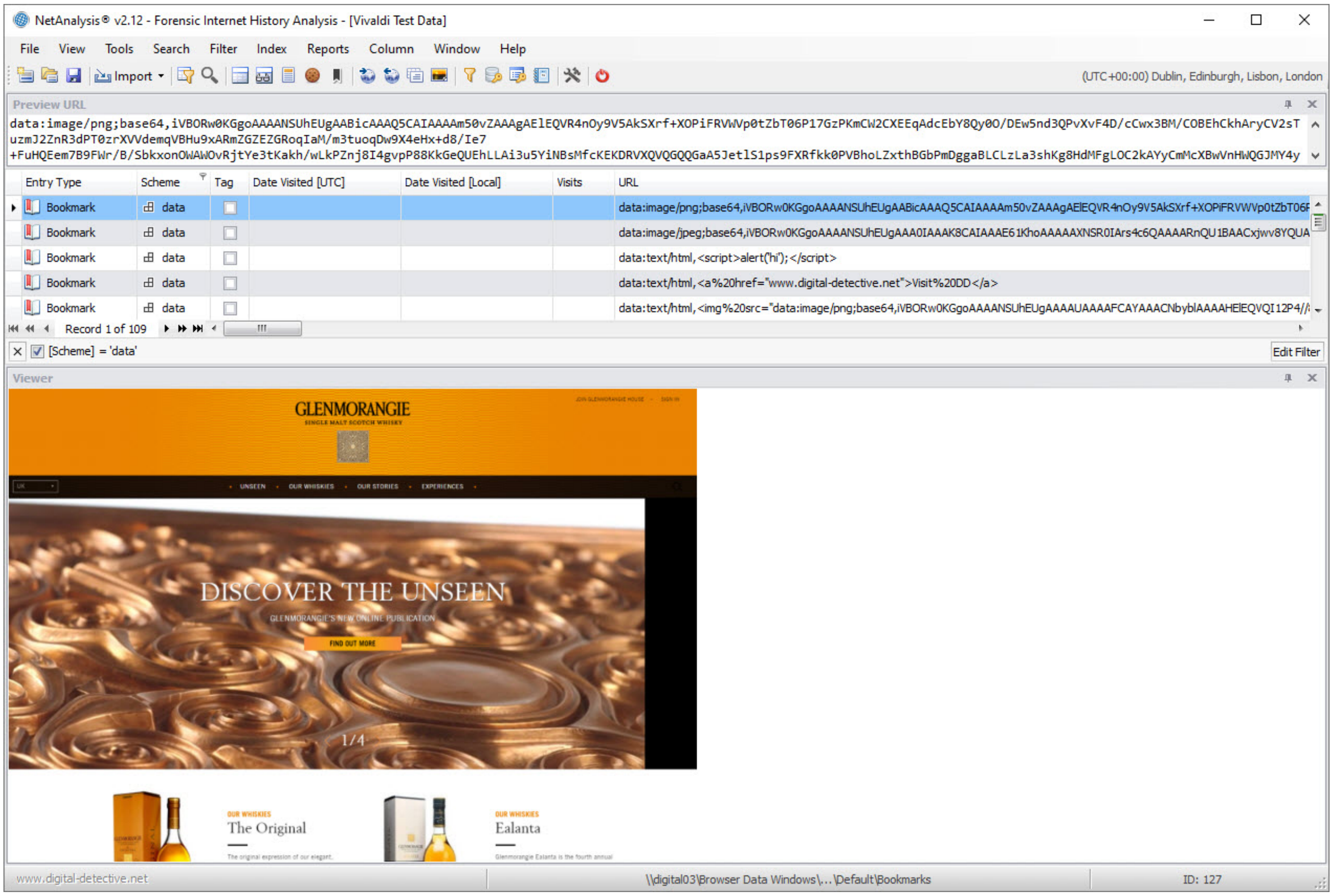
There are a number of web technologies that store data of one kind or another on the client-side (i.e., on the local disk). The process by which the browser works out how much space to allocate to web data storage and what to delete when that limit is reached is not simple, and differs between browsers. In Chromium-based browsers, this is achieved by the Quota Management API which controls storage limits and the eviction of client-side web data.

NetAnalysis® now has support for importing data from the Quota Manager.

Improvements

Internal Viewer

Our internal viewer has been updated to deal with the latest in browser technology. In addition, we have added support for data URLs, so they may be displayed in the viewer; depending on the format of the data, you can right-click on the page and save the data in its native format.

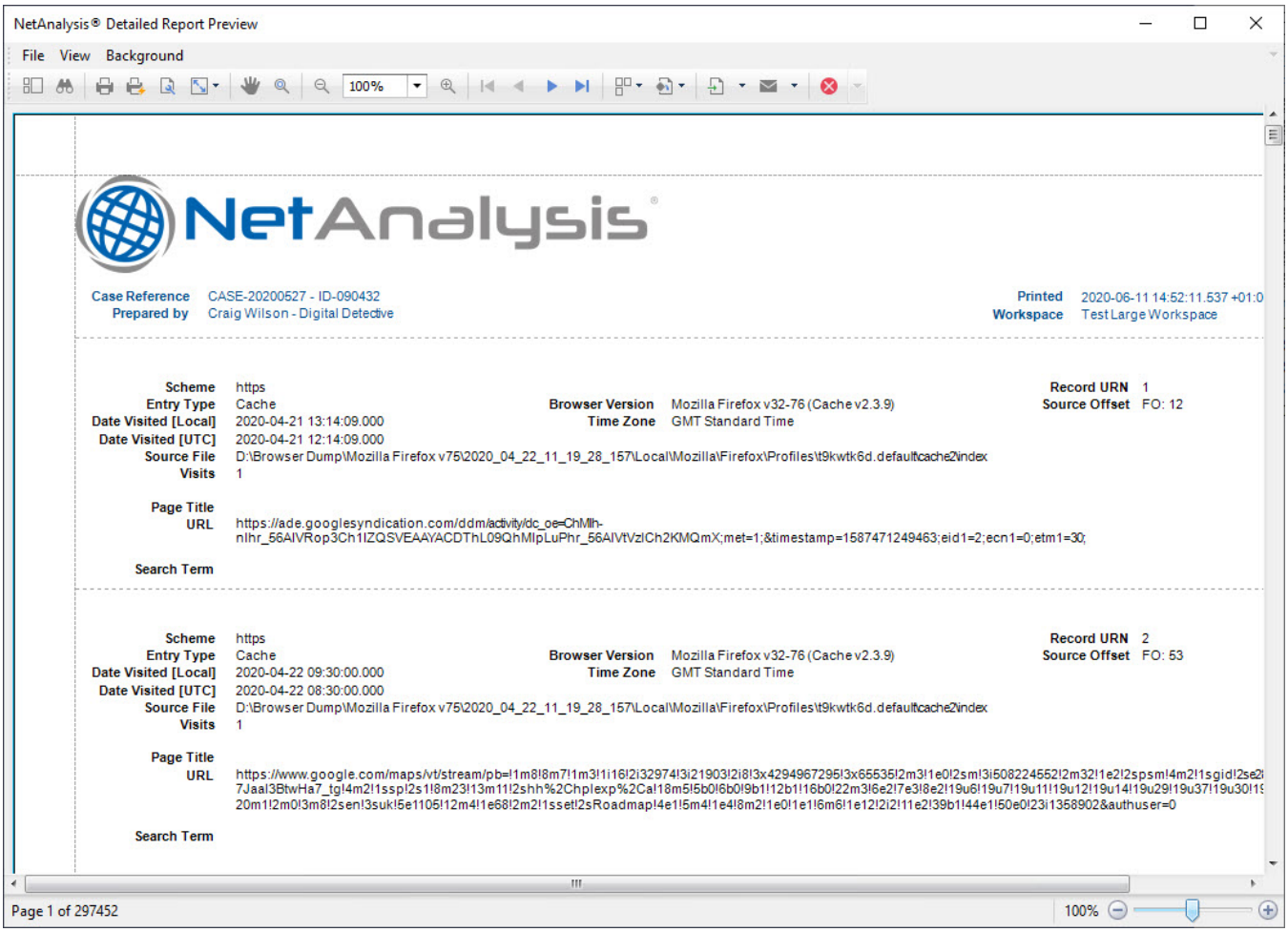


We have also added support for viewing MHTML documents.

Reporting

All our report templates have been updated for improved performance in relation to speed and memory usage. In addition, we have added support for caching reports to disk as they are rendered, which allows for very large numbers of report pages to be created without running into memory issues.

The following screen shows a generated report containing 297,452 pages:



User Interface Enhancements

When the grid contains many rows of data, it is sometimes difficult to know which row is focused or which rows are selected. To help locate these rows quickly, we have added scrollbar annotations. These are coloured marks on the vertical scrollbar which reflect the location of corresponding rows in the grid.

We have also added support for hot-track (mouse hover) row highlighting; this allows the user to visually see the mouse cursor's hover position within the grid.

Improved Support for Processing Mounted File Systems

We have reviewed a number of different file mounting applications to see if we can improve the way we handle read-only file systems. This has resulted in a number of improvements. We have enhanced our support for files and folders containing reparse points as well as improving the way we deal with file system artefacts which require elevated permissions.

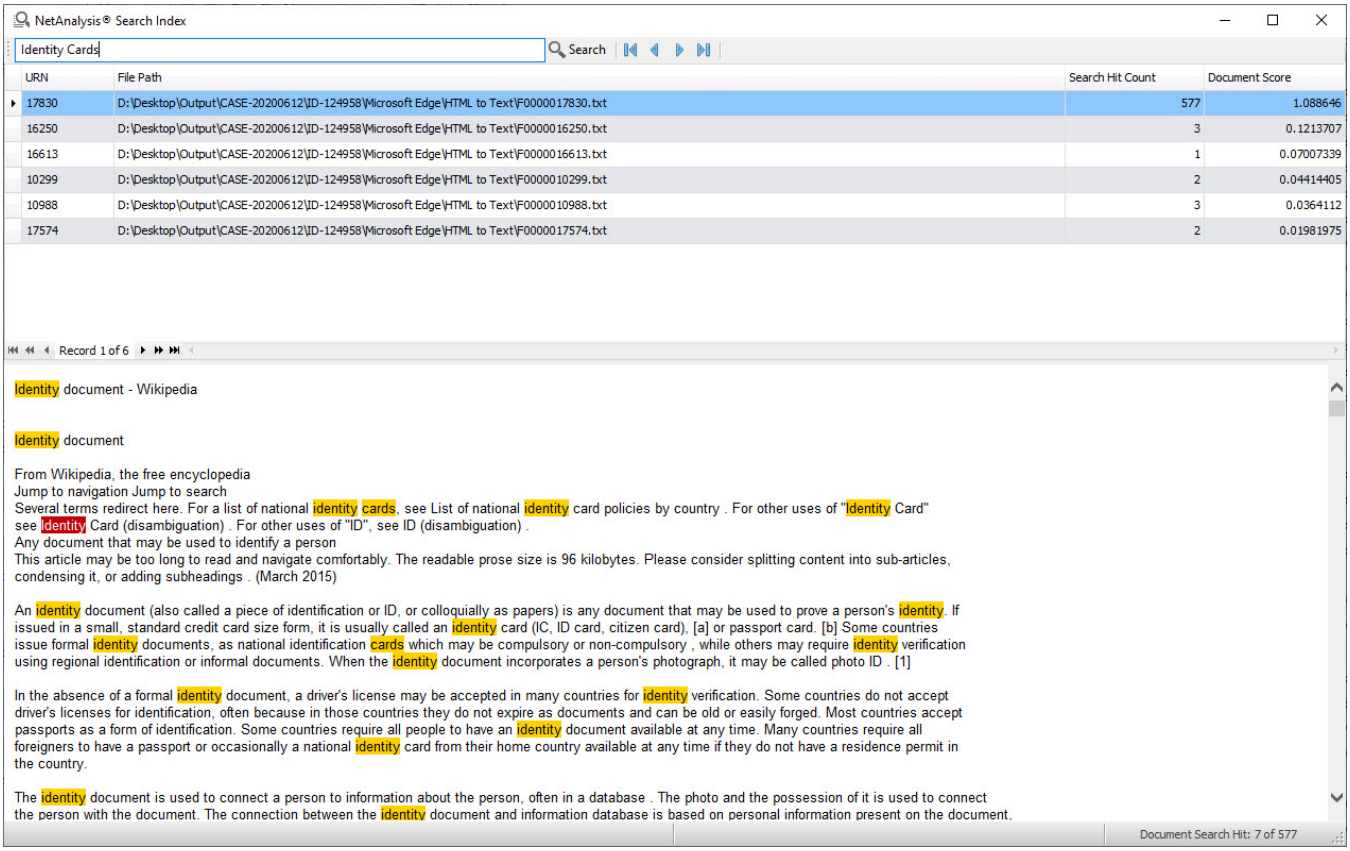
Additional Content Available for Search Indexing

During import, cache exporting and page rebuilding, we identify relevant content for adding to our search index. In this release, we have added:

- Chromium-based autofill name and value fields.
- Plain-text login credentials from Mozilla-based and Chromium-based browsers.
- Text content from Microsoft Edge (Chromium-based) Collections

This text information, is written out to the export folder, where it is included in the Search Index when it is created by the user.

The following image shows the index being searched. Create and search the Indexed data by accessing the Index menu in NetAnalysis®.



Change Log

To review the full list of changes for this release, please see: Change Log v2.12.