Capsis Presurf

Standard Edition

Internet has rapidly developed into an essential source of information. The days of a website being considered a static, electronic brochure are long gone. Websites are updated constantly, and as such gain strength as information sources. But what about all that 'old' information? Something that has become 'old news' on a website may still be highly relevant information later on. Has the old information disappeared for good?

Presurf

Capsis has developed Presurf which makes web archiving child's play. Presurf does not create back-ups, but archives complete websites; that is, not just the content but also the layout and interaction. Anyone who can use a web browser can get started with web archiving. You can archive manually or automatically. With the help of Presurf, everything is presented in a manageable way and you can browse through the archived web pages with a couple of clicks. Presurf is a modular solution comprising of a base to which a range of functions can be added.

The Base

The base of Presurf consists of the Grabber, which is used to build up an archive; Data Management, where collections and compilations are managed; and the Viewer, used to view web pages as they were originally seen on the internet.

In addition, the FileViewer is available to examine file information. The metadata component enables you to add metadata to the archive. You can then search through this in Presurf.

The Grabber connects to the internet and retrieves web pages or complete websites, and places them in Data Storage. The Grabber can be set with great precision. The retrieved data is archived together with important technical metadata in Data Storage. Collections and compilations of websites and/or web pages are stored here. Data Management is also where the information is managed.

As well as storing internet data, making this information available is an important aspect of Presurf. The Viewer ensures that archived websites are viewed in the best possible way. Without modifying the original archive, the Viewer can provide the best representation of the archived material. The Viewer ensures you can see that you are in the archive and can help you to find that particular page you are looking for. If a page has not been archived, the Viewer will point this out to you. In addition, the attached FileViewer ensures that you know which information is available to you in the archive. You can examine file formats and structures here.

Modules

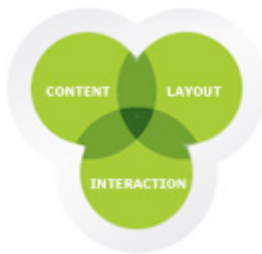A number of modules are available, adding extra functionality to Presurf:

- The Connectivity module, which allows Presurf to function on IIS and Microsoft SQL server.
- The Event-driven module which in most cases allows Presurf to record only the changes made in a CMS at the moment of publication.
- De RSS/Sitemap module, which can be used to archive through a 'feed'.
- The API module, which enables communication with other systems.

Digital permanence

Presurf has been developed to offer digital permanence. The accessibility of the archived sites remains at an optimum.

Presurf archives sites in exactly the way the visitor sees them, retaining the content, layout and interaction. Once archived, the

archive is static. Modifications made to enable the archived site to be viewed easily are not applied to the archived data. When looking at archived websites in the Viewer modifications to optimize accessibility are generated 'on the fly'. These modifications have no effect on the archive.

Archiving is performed automatically and transparently, with a minimum of conversions. This means that the standards used by the archived website also form the standards of the archive. As such, Presurf does not force any standards on you. Capsis can if necessary advise you on the choice and implementation of permanent standards.

Presurf guarantees the authenticity of the web archive by attaching a digital signature to each file. With Presurf's unique, flexible 'Viewer' you can always view the archived websites in their original version, without having to convert or migrate the archive itself.

The archive that is created is as technically independent as possible.

You do not need anything more than a web browser to be able to view the stored sites. The archives created by Presurf are straightforward to transfer and can also be used without Presurf.

Want to know more?

Would you like to know more about what Presurf can do for your organisation? Get in touch for an informal chat.

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