Digital Library

As finding external papers referenced in `cau-rt.bib` can be tedious, the Rtsys Group maintains a digital library under `/home/biblio/library`. Note that some of these works may be copyrighted. Generally, they are for strictly personal/scientific use.

Working With the Digital Library

Files and File Naming

The papers stored in the Digital Library (DL) should be a subset of the papers indexed in the bibliography file `cau-rt.bib`. The general naming convention is `<bibkey>.pdf`. For example, Harel's classic Statechart paper has the key *Harel87* and is in file `Harel87.pdf`.

Adding papers

If you add an entry to `cau-rt.bib` you should put the referenced paper under `/home/biblio/library` named as `<bibkey>.pdf`. This can be simplified by using a simple shell function. The following can be added to your personal `.bashrc`:

```
putpaper() { scp $1.pdf biblio@...:./library; }
```

Now putpaper abcd uploads `abcd.pdf` to `/home/biblio/library`.

Furthermore you should add a 'DL' (after your login and the date of adding the entry) to the corresponding BibTeX entry to make clear that the paper can be found in the digital library, and the URL from where you downloaded it. Example:

```
% rvh 2003-08-22 DL %  http://www.wisdom.weizmann.ac.il/~dharel/SCANNED.PAPERS/Statecharts.pdf @Article
{Harel87, ...
```

Getting papers

If you want to retrieve a stored paper the following shell function might help:

```
getpaper() { scp biblio@...:./library/$1.pdf .; }
```

Now getpaper abcd fetches `abcd.pdf` from the library and puts it in your current working directory.