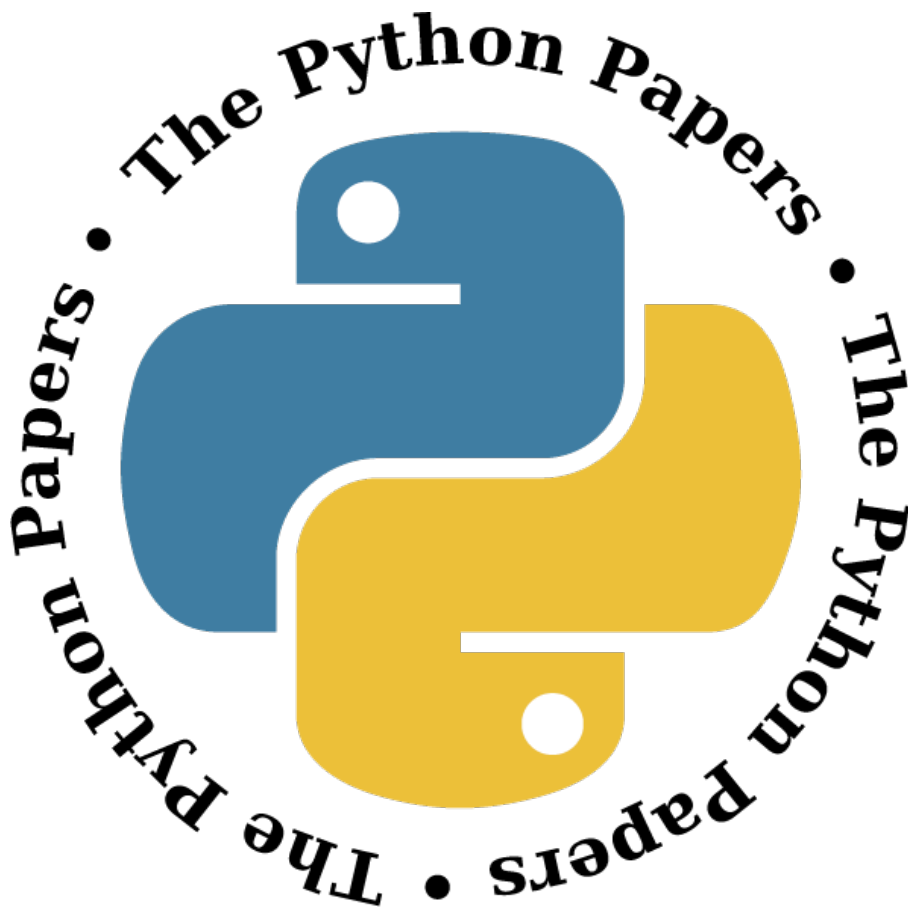


# The Python Papers



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## Journal Information

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### The Python Papers

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Tennessee Leeuwenburg  
Maurice Ling  
Richard Jones

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e.g. Maurice Ling, "Firebird Database Backup by Serialized Database Table Dump", (2007) *The Python Papers*, Volume 2, Issue 1, pp. 7:15.

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### Referees

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1. Tennessee Leeuwenburg ([tennessee@tennessee.id.au](mailto:tennessee@tennessee.id.au))
2. Helen Borrie, Firebird Project administrator and author of "The Firebird Book: A Reference for Database Developers" (Apress, 2004)
3. Ann Harrison, Firebird Project administrator

# The Python Papers

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Tennessee Leeuwenburg

*"I'll admit it - I live under a rock. I hadn't heard about Design Patterns until a couple of months ago. So sue me.*

*That said, I'll bet I'm not the only one. So what's a Design Pattern?"*

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Maurice Ling

*This paper presents a simple data dump and load utility for Firebird databases which mimics mysqldump in MySQL. This utility, fb\_dump and fb\_load, for dumping and loading respectively, retrieves each database table using kinterbasdb and serializes the data using marshal module. This utility has two advantages over the standard Firebird database backup utility, gbak. Firstly, it is able to backup and restore single database tables which might help to recover corrupted databases. Secondly, the output is in text-coded format (from marshal module) making it more resilient than a compressed text backup, as in the case of using gbak.*