
STASH HOUSE

FRANKLIN DIAZ

September 25th, 2025



Summary

In this project paper we will consider the issue of a "dirty" local development environment, and precisely what to do about it. Using freely available Open Source tools and a few easy to remember patterns we can work in a much more efficient and secure manner.

- First we look at how to set up a workable solution for storing credentials.
- Next we do some local search and cleanup to get our systems in order.
- Finally, we will see how we can still easily use these credentials though they remain encrypted at rest and in transit to our "vault" from now on.

Contents

Summary	i
1 Introduction	1
1.1 Setting Up	1
2 Finding Secrets on Local Machine	2

Chapter 1

Introduction

1.1 Setting Up

The same repo where this paper can be downloaded has the tools described in this and future chapters.

Chapter 2

Finding Secrets on Local Machine

There is a BASH shells script that can be used to scan the local files for unsecured credentials that may be a candidate for encryption and safe storage.