



# ICIS System Integrity Diagnostics Tool

Archie Roland G. Llorca



# A Day in the Life of an ICIS user





## Murphy's Law

**“Anything that CAN go wrong  
WILL go wrong”**



- incorrect ODBC setup
- invalid database
- incompatible ICIS DLL



# ICIS Helpdesk Support

E-mail

[developer@cgiar.org](mailto:developer@cgiar.org)

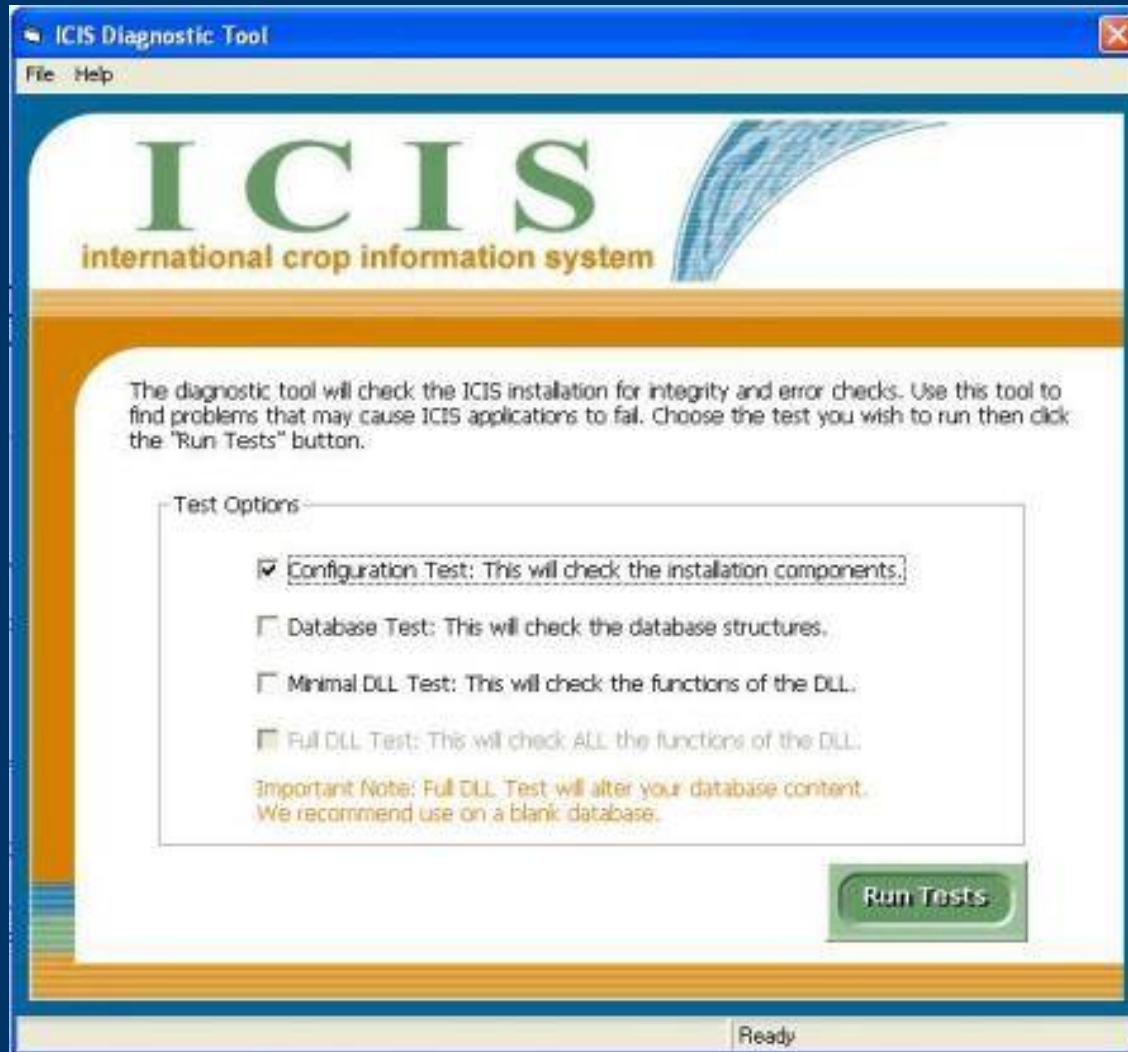


CropForge

<https://cropforge.org>



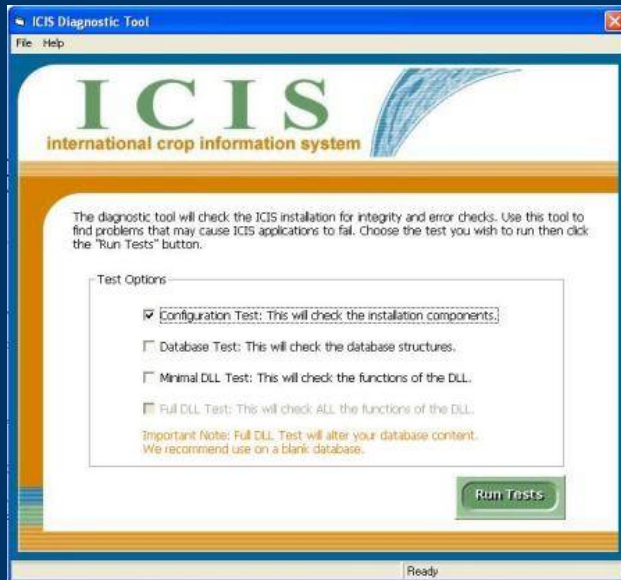
# ICIS System Integrity Diagnostics Tool





# Features

## 1. Check the ICIS installation components

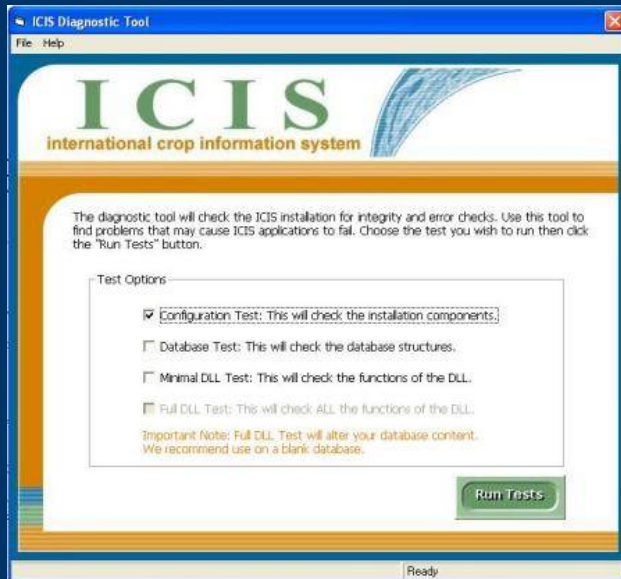


- ODBC connection
- Operating System info
- ICIS release info



# Features

## 1. Check the ICIS databases

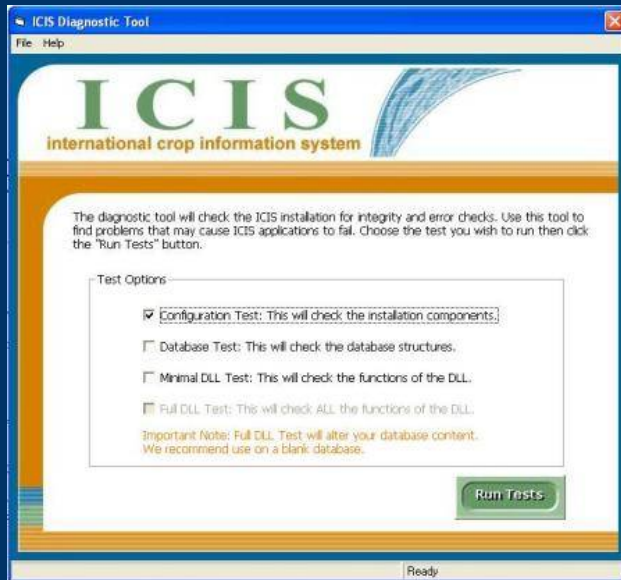


- Table info
- Column info
- Index info



# Features

## 1. Check the status and performance of the ICIS DLL



- atomic testing for each DLL functions

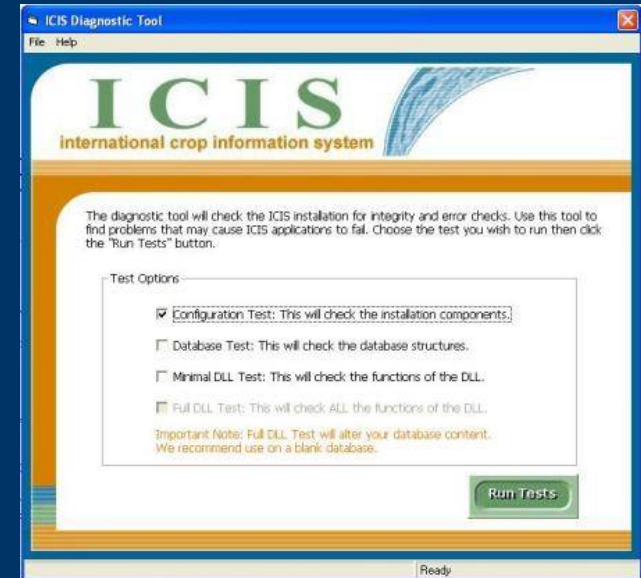




# Uses

## 1. Automated troubleshooting.

- Empower end-users
- Solves problem faster
- Gives helpdesk people an informed view of the error situation

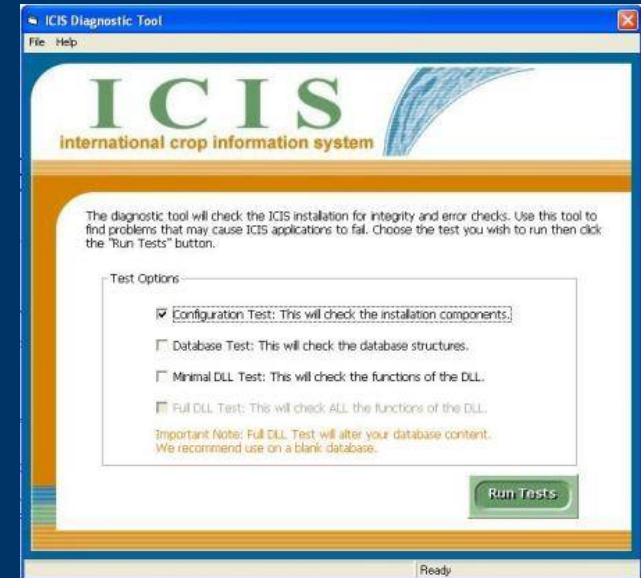


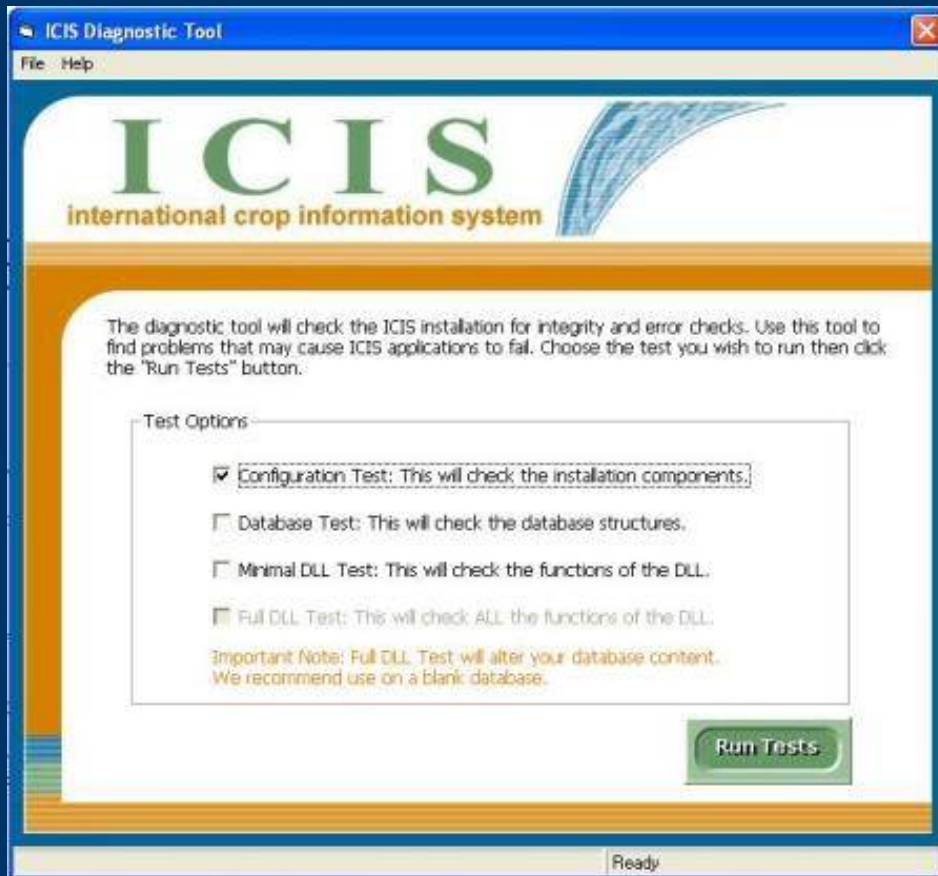


# Uses

## 1. Test kit for ICIS software.

- Ensures quality of ICIS releases
- Enable developers pinpoint performance glitches





# IS

It just keeps on getting better...