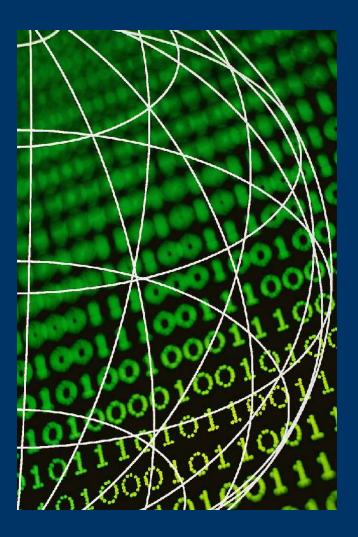


ICIS Data Validation Tool

Archie Roland G. Llorca

How is your ICIS data today?

- Format
- Range
- Presence





Nature of ICIS database

Designed to fit a broad spectrum of applications

- Dubbed as "Swiss Knife" for breeders
- Client-specific data validation are not in place
- Referential keys are disabled
 - Relationships are only defined but not enforced





"Anything that CAN go wrong WILL go wrong"

If the application allows invalid data entry, someone will input it.



ICIS Data Validation Tool

ational crop in	formati	on system	
Central Database	r	Local Database	IRRIGRC
entral Database checks	38		
Germplasm records val			
Invalid parent refe Circular references			
Invalid method			
T Deleted parent re	ferences		
Foreign Key referenc			



Features

1. Check the Central database

ternational crop	informati	S	
Central Database		Local Database) IRRIGRC
Central Database chec	ks		
Germplasm records			
Circular referen			
Invalid method	2		
T Deleted paren	t references		
Foreign Key refer	ences		
This tool will check your I		for data integrity check: 115 applications to fail. C	



Features

1. Check the Local database

ernational crop in	formatio	on system	9	
Central Database	r	Local Database) IBB	IGRC
Central Database checks	1 10		9	
Germplasm records v				
Invalid parent re Circular reference				
Invalid method	35			
☐ Deleted parent r	eferences			
Foreign Key referen	085			





1. Check the IRRI GRC data validation

