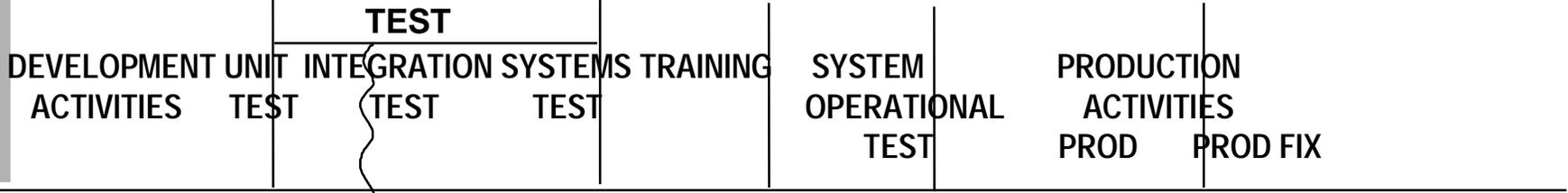


NSLDS Technical Environment

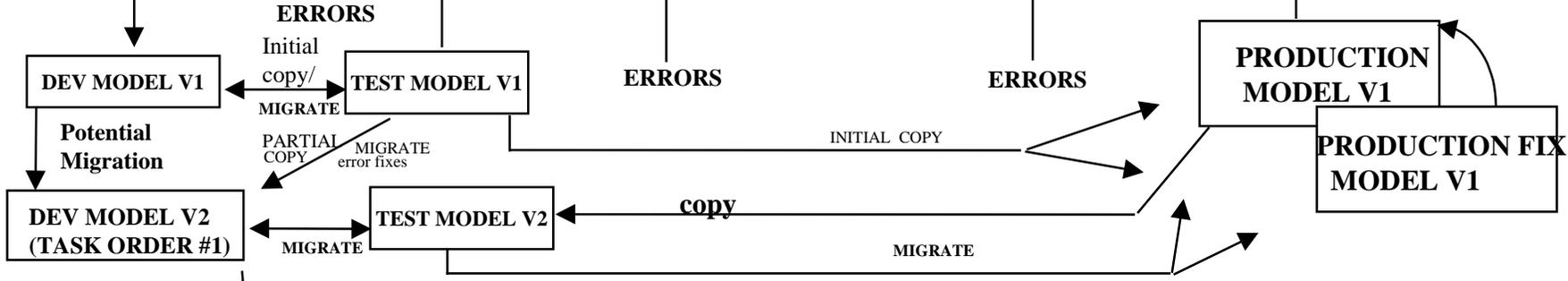
<u>ENVIRONMNT</u>	<u>DESCRIPTION</u>	<u>REGION REQUIREMENTS</u>			
			SIZE	LIFE SPAN	USER GROUP
DEVELOPMENT	Developers perform <u>informal unit testing on PC and in TSO</u> . Testing group assists developers with informal unit testing in TSO by providing <u>test scripts</u> . Preliminary unit testing in TSO performed by testing group (will reduce number of CICS unit testing errors which will reduce migrations).	TP TSO	N/A	ON-GOING	DEVLPRS/ TEST GRP
TESTING	Testing group conducts <u>formal unit and integration testing in CICS</u> (errors found will require a migration from test model back to development). Groups of units are tested to complete formal integration testing.	CICS	SMALL	ON-GOING	TEST GRP
SYSTEMS TEST	Total system is tested for <u>deliverable requirements including stress testing</u> to measure performance .	CICS	LARGE	2 -6 WEEKS	DB GRP/ TEST GRP
TRAINING	Database with all NSLDS end-user functions provided for training purposes.	CICS	MED	ON-GOING	SCHOOLS/ GA'S/ED
SYSTEMS OPERATIONAL TEST	System is tested and evaluated in an actual operational environment. <u>Formal acceptance testing by users</u> .	CICS	LARGE	6 WEEKS	SCHOOLS/ GA'S/ED
PRODUCTION	System is supported and <u>maintained</u> over time.	CICS	LARGE	ON-GOING	SCHOOLS/ GA'S/ED
PRODUCTION FIX	<u>Emergency fix</u> environment.	CICS	SMALL	ON-GOING	DEVLPRS

MODEL AND DATABASE VERSIONING

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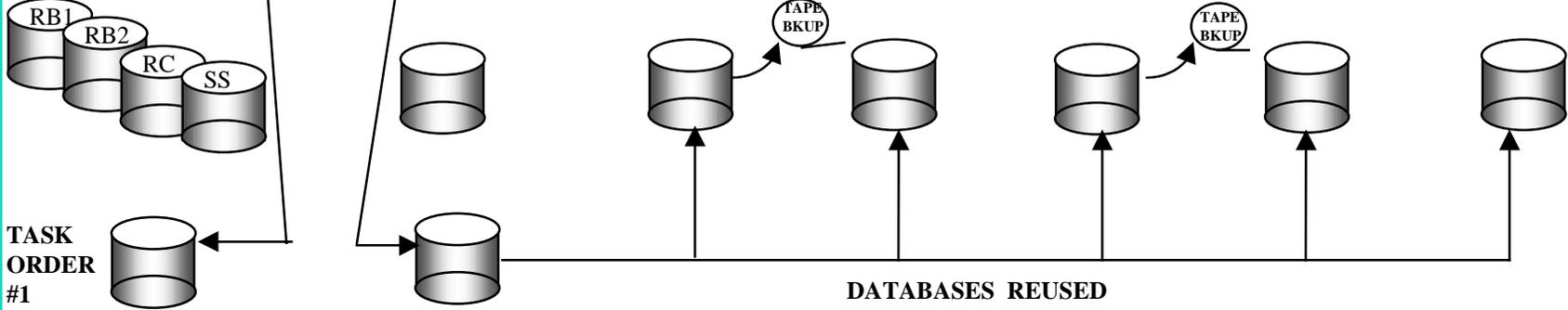


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ALL IEF MODELS ARE ON TEST DB2 SUBSYSTEM

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TEST DB2 SUBSYSTEM

PROD DB2 SUBSYSTEM

TST DB2 SUB

NOTE: UP TO FOUR DATABASES MAY BE DEFINED IN DEVELOPMENT TO REDUCE CONTENTION AMONG DEVELOPERS. THE REMAINING ENVIRONMENTS WILL BE MANAGED TO REDUCE CONTENTION SO THAT ONLY ONE DB PER ENVIRONMENT IS NEEDED. ALSO, BECAUSE OF LIMITED CICS REGIONS, TESTING WILL BE SCHEDULED SO THAT TWO VERSIONS ARE NOT IN ANY TEST ENVIRONMENT AT THE SAME TIME

NSLDS High-Level Technical Environment

