	-9 (SE)	20
	Chapler #09 (SE)	
	Long 1942 Tural mapping was	
<u> </u>	Mapping using Data flow Diagrams (DEDS)	
	Mapping using the structured	
	A mapping technique, called Structured A mapping technique, called Structured Design, is often characterized as a Design, is often characterized as a data flow design model, because it provides a convinent transition it provides a data flow diagram to	6
	de la flow design model, because	and the second
	it provides a Convinent more	
	it provides à l'anvinera From à dala flow diagram to software architecture	
	The Transition of information and data The Transition of	
processing the control of the contro	How to a program structure.	
BOOKERS AND	Tollowing six steps:	
	1 2 12 Maria Maria	and the second section with
(ů	The type of information flow is extablished	
(2) は、か、き、ことには、	How boundsies are indicated	www.commonwealtheadailth
,000	To 250	J. 100
(cu)	The DFD (data Jaw diagram) & into program stru	avie-
(10)	Control hierarchy is defined	
		THE RESERVE OF THE PERSON NAMED IN COLUMN 1
	The resultant structure is refined using design m	usine!
(Vi) 7/	le architecularal description is refined & elabora	aled

	In order to perform mapping, Jollowing sleps are taricial performed.	
2	The type of informerst be determined	
A DO O D	Data flows into the system along an incoming 7 low path, where it is transformed 7 from 9ts form into internalized form. Once, it has been internalized, it is processed at Transform center	
	Finally, it flows out of the system along on outgoing flow path that along fransform dutal into external world form Fransform Cevier Data in internalize	
St	Data in external world Form flowing into system Ond converted into internalized form (i) Data in internalized out of system Converted into external world for (ii)	mana
	Transform Mapping: designed it is a set of predefined steps that allows a DFD	do
	designed predefined steps that allows a DFD be mapped into a specific architectural design.	

Ů	Steps Review the fundamental system model involves evaluation of system involves evaluation of system specification and software requirements	
	Review & Refine (DFD) for the software info obtained from analysis model is Jurther refined to produce delails	
Ew	DeTermine whether DFD how transform characteristics or transaction characteristics. If DFD has obvious transaction characteristic than a different design mapping is	
(PV)	Isolate - the transform center by specifying incoming	
	and outgoing flow boundries different designers may select slightly different points in the outgoing and incoming	
	How as boundries that can provide differ atternative design solution	
(v)	Per for "fist-level factoring" Factoring results in Top tot module: performs decision making Middle L-vl u: 4 some contro!	
	Low-til u o a input, computation	

		a lon
		加州
(1)	10) Perform "Second-level Jailoring"	
	Second-Iv! Jactoring is accomple	shed
	by mapping individual transfor	ne
	Of a poor into appropriate	47.
THE PERSON NAMED IN COLUMN TWO	modules within the architecture	*0.5
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(VI	Réfine the first-ilevation architecture use design heuristic for improved softwar quality.	5
	design heuristic for improved softwar	
	quality.	/ _
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