

Decision Data Locality Challenges:

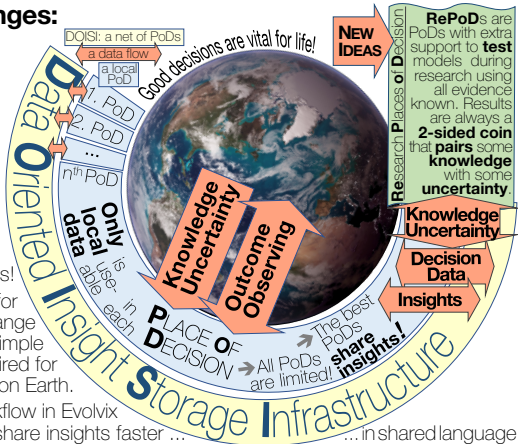
often hidden, deadly, and hard to solve, as

- 1 **GOOD** Decision *must have*
- All **KEY** Data *accessible* in
- 1 **USER-FRIENDLY** System at
- 1 **LOCAL** Place of Decision.

It may be surprising, obvious, or trivial: as floods of data roll in, the **key data** for a decision keeps **getting harder to find**. Yet, if not locally available in usable form, even ideal data cannot improve decisions, nor help to increase the accuracy of models!

Thus, Evolvix is developing data structures for **Places of Decision (PoDs)** aiming to exchange usable data faster across all scales, from simple PoDs to the complex global PoD nets required for the most complicated decision processes on Earth.

Below: Bases of the decision-support workflow in Evolvix PoDs – made to link PoDs into a DOISI to share insights faster ...



ID	Brief : ExplicitPhase Base Name	<i>completes</i> for NextBase	enabling to <i>submit</i>	Exemplary Analogy to computers
0	NB : NetworkNull NamingBase	<i>constructs</i> for KB etc names for <i>nothings</i> , <i>local</i> things, anything, & context networks	enabling to <i>send</i> details on how to link by name any content known or missing	network naming services
1	KB : Knowledge Uncertainty Base	<i>collects</i> for WB uncertainty quantifications of knowledge fragments conditional to contexts	enabling to <i>synthesize</i> KB fragments related by shared contexts and conditions for producing big networks in WB	data pile or code as fragmented on hard disk
2	WB : Wisdom Condition Base	<i>connects</i> for IB uncertain knowledge fragments to integrate networks of data in contexts that share conditions	enabling to <i>setup</i> labels for accelerated search for key context conditions, to collect faster the best IB for a decision	final app or database with all links integrated
3	IB : Insight Context Base	<i>conditions</i> for PB to only keep as insights the part of WB relevant for IB problems and exploring solutions in PB	enabling to <i>simulate</i> ways forward (PB) to explore models for where to possibly go next to address issues at hand	input sets context that selects app output
4	PB : Possibility Planning Base	<i>combines</i> for RB potential steps forward into possible paths, plans, or projects for problem solving	enabling to <i>structure</i> relevant work into work-break-downs for potential forward paths to evaluate costs/benefits	simulate , recombine, apply functions
5	RB : Reasoning Discernment Base	<i>compares</i> for VB qualities & costs of tests that discern reality underneath diverse opportunities & reasoning types	enabling to <i>scrutinize</i> types of paths forward and their supporting logic for enabling informed decisions on values	test it all automatic, manually, & by users
6	VB : Valor Valuing Base	<i>chooses</i> for AB responsibly & reasonably values, logics, plans & risks engaged to support the voice of the weak	enabling to <i>schedule</i> in AB serving & training (SB) as required for implementing plans chosen (in VB) & mitigating risks	designed languages are shaped by values
7	AB : Aims Timer Base	<i>coordinates</i> for SB all tasks' key imp act on mission by adjusting speed of aiming to balance the targets of all tasks	enabling to <i>suggest</i> task sequences suitable for SB task training batches, compiled for faster & better service in SB	do tasks , operating systems, regular jobs
8	SB : Serving Training Base	<i>changes</i> world, as seen by OB by serving directly or compiling sequences of tasks into skills practiced to work as planned	enabling to <i>solve</i> problems of IB by serving or training as aimed for in AB to reach VB goals & keep balances	compile blocks of code (else interpreted)
9	OB : Outcome Observing Base	<i>chronicles</i> for KB observable decision outcomes to improve long-term decision quality, training, and serving	enabling to <i>summarize</i> lessons learned for sending to KB and other DOISI Bases, with annotations, where useful	log activities to improve & find errors