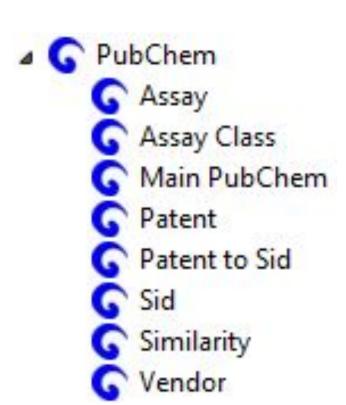


NInChl prototype Server

Andreas Tsoumanis, Anastasios Papadiamantis, Thomas Exner, Georgia Melagraki, Iseult Lynch and Antreas Afantitis

Enalos+ nodes for access to small molecule databases



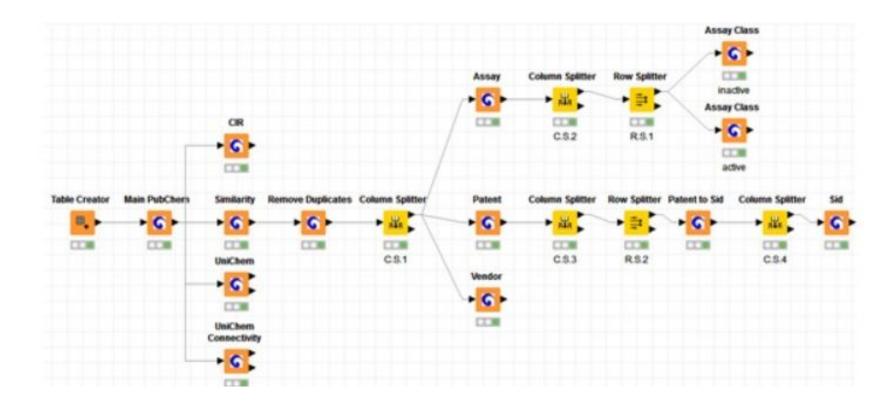


Access to >40 chemical databases : e.g ChEMBL,PubChem, DrugBank, KEGG, ZINC, BindinDB, eMolecules, IBM patents, SureChEMBL etc



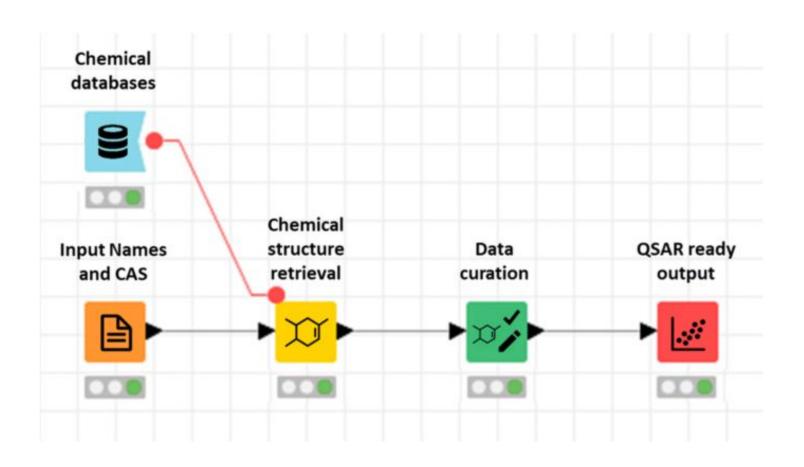


Blend >50 databases together with the aid of InChi





Small molecules paradigm

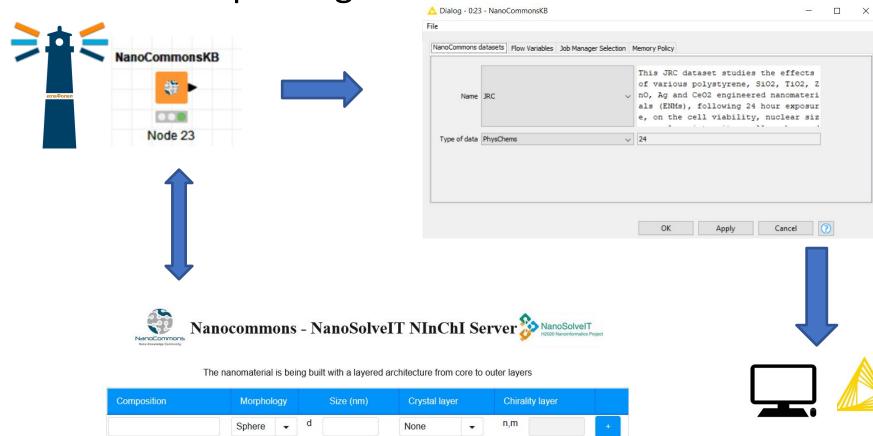






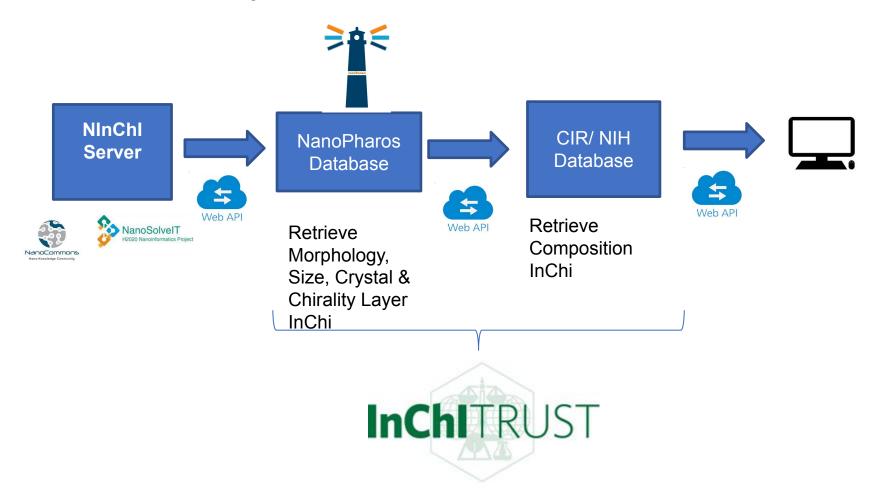
Nanomaterials paradigm

NInChi





Technical implementation



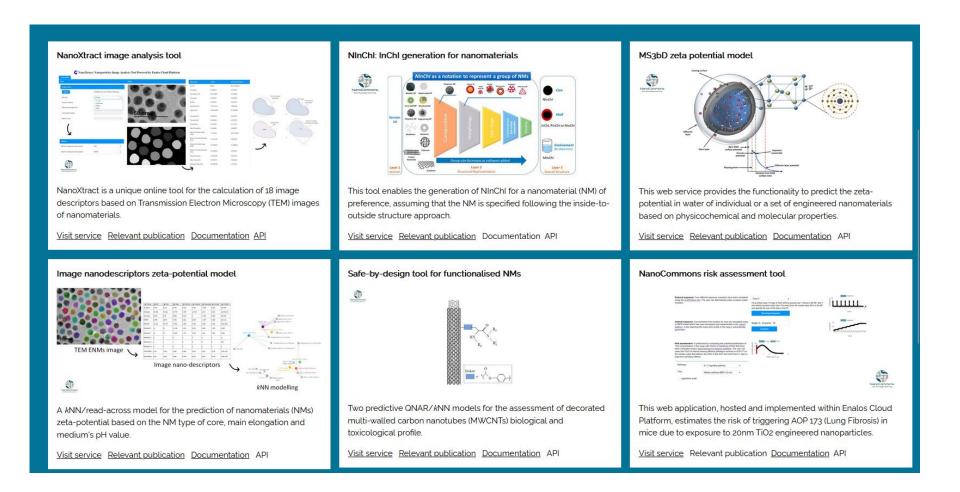
Future Plans: Include theses steps in the InChi software



Enalos Cloud Platform

Dedicated NanoCommons webpage:

http://www.enaloscloud.novamechanics.com/nanocommons.html





NInChI server

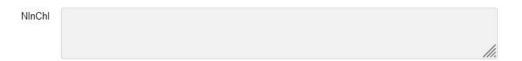
Dedicated NanoCommons webpage:

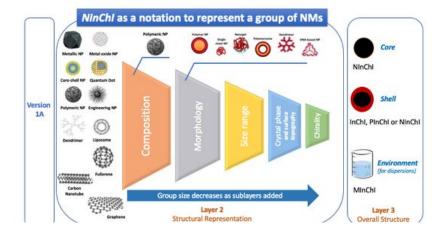
http://www.enaloscloud.novamechanics.com/nanocommons/NInChl/



The nanomaterial is being built with a layered architecture from core to outer layers

Composition	Morphology		Size (nm)	Crystal layer		Chirality layer	
	Sphere	•	d	None	•	n,m	+













Thank for your attention

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Nicosia – Athens