------Pauliel Ecology (Rew Tech API ------

------ Introduction------This proposal describes a goode estimation to Econolizingt that will enable access to the parallelism found in all moders processors.

The proport doubles a proferencies is fixeding the vitit radia scatter is the profession stands of an analyspectra normalization. The profession is made interpretention in order applications. Theorem applications and in particular Ensembling of normalization and a standard discussion of the profession in the profession of the profesion of the profess

I soing the scan construct. We anticipate profile Shearing and indextorations bring built upon these constructs. This approach end-for a "do few things, well" implementation strategy while messing the composability module to build other abstractions. ore a Parallel-being object can be consted by specifying an iter

eros data wa Paulle/Anar shinct that contain only floating unit members, are used candidates for ortinizati

The priors will also must be drawn of the should grade and a prior back advanced of the prior back advanced of the should be complete and the should be complete and the should be complete advanced of the prior back advanced of the should be complete advanced of

-----Paulid/eneg ------The Paulid/eneg pointype is the control data structure around whick River Trial preprints are back. A Paulid/enery data structure can be constructed using the following three constructor forme: ----Synopsis-----coale=ParallelAeray()=Coale=

(No arguments): estam in empty PaullelAmay Goale/PaullelAmay(arAmay); clouder

cub holdspectrum (class)
Compared and the compared comp d arrays, "sim" furthermore can be a one dimensional array. In such case, the elemental function will take multiple index arguments up to the low

temperature
 encoded and the second of the sec

The state function of the state is a data set by a fact the state of the state set of the s

Conder-

----Example: Xudo Alpha X plan V ----Perform the DAXPV operation found in the vector library IEAN (Ensi: Linear Alphra Subproprime)

Under dight - 2, / yours under aufs faste (a reacher) dight - 2, / yourshift/step:(-), 974 - uner Pauloty(-), mild - 4, d'Anapplaneine(-)((minn diple*+-),)PA) / (x is a rhoused of d'A, y is a domain of d'A. Condo-

 $\label{eq:second} = \frac{1}{2} \frac{1}{2}$

 and downed Processor are considered and the second s are, i.e., by the value of the "depth" argument. If "depth" is conited or has the value 1, only a single

exact the result netwood by the elemental function will be placed at the location indicated by the "index"

- Senter and the sent

No "Network of the set of the set

----Spanpison code og bang samplementiFunction/code -----Apparation 'stemminFunction' described below

Tandard Tanana Amara Tanana Ama

----Symposis----viende vog besty station(indices, defaul/Value, conflictFunction, longth)//confer

In the relation of the definition state in the relation of the definition of the definiti

-----Handling coulds in with the Coulds i Panetion----A couldst occurs they multiple elements are variented to the same location. It results is a cult to 'couldstPanetion', which is an optimal third argument to scatus. If 'couldstPanetion' is undefault, 'scatus' there is a scoregion when a could at score

----Symptimes confectorificFunction(vdA, valle)-confec

-----Retians-----Value to place in "result[indice(index]] *

---- Therefore The length of "indices" does not match the length of the ParallelAway.

When "coefficiFunction" is writer "undefined" nor a function. If a coeffict occurs but no coeffict function has been supplied by the programmer.

] ps - new Yandid-Vargi[0.1.2.3,55]; read - passatire[0.1.3,2,57]; read - passatire[0.1.3,2,57]; read - passatire[0.1.3,2,57]; downAlas; - i < 0.3,3,mbdimed ambdimed ambdimed read - passatire[0.0,1,3,2,5]; downAlas; - j < 0.4,1,4,5-vinder

subset subs

Interior

nethods can be are field to such thiss. In particular, II can be used to further thise the Paulid-Mesor or ultimately to