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== Radatools 4.0
== from
== radalib-20160226-114357
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== Copyright (c) 2016 by
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== 26/02/2016
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== See LICENSE.txt
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radatools 4.0
- source code available, see Radalib
- added program for agglomerative hierarchical clustering: Hierarchical_Clustering
- added program to calculate proximity matrices: Data_To_Proximities
- added program to calculate correlation matrices: Data_To_Correlations
- added program to calculate the network of communities: Communities_Network
- added program to obtain some information of each link: Links Info
- added program to aggregate a multiplex network: Multiplex_Aggregate

    added program to extract the layers of a multiplex network: Multiplex_Extract_Layers

- added program to symmetrize a directed network: Symmetrize_Network
 added program to sort the nodes of a network: Sort_Nodes
- added conversion programs: Matrix_To_List, Net_To_List
- added program to calculate elementary data statistics: Data_Statistics
- Mesoscales Search renamed to Mesoscales Detection
- Network_Properties: faster implementation of edge betweenness
- expanded functionality of:
   Communities_Detection
   Compare_Partitions
   Connected_Subgraphs
   Mesoscales_Detection
   Modularity_Calculation
   Network_Properties
- minor updates
radatools 3.2
- added program to calculate the modularity: Modularity Calculation
- expanded functionality of Network_Properties
- minor updates
radatools 3.1
- added program to extract a subgraph from a network: Extract_Subgraphs
radatools 3.0
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- available also for MacOS X
- new modularity type: Weighted_Link_Rank
- communities detection:
   new implementation of the fast algorithm
- mesoscales search updated:
   extended to all modularity types, for self-loops in given range
   automatic determination of self-loops range for Weighted_Signed and Weighted_Newman
- connected components:
   now available the calculation of both weak and strong connected components
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- new programs:
    Size_Reduction, Size_Reduction_Lol_Expand, Convert_Clu_To_Lol, Network_Properties,
    Compare_Partitions, Spanning_Tree, Net_To_Matrix
- list of available programs:
    01-Prepare_Network : List_To_Net, Matrix_To_Net, Connected_Subgraphs, Size_Reduction
    02-Find_Communities: Communities_Detection, Mesoscales_Search, Mesoscales_Fine_Tuning
    03-Reformat_Results: Size_Reduction_Lol_Expand, Convert_Lol_To_Clu,
      Convert_Clu_To_Lol,
                         Reformat Partitions
    04-Other_Tools
                       : Network_Properties, Compare_Partitions, Spanning_Tree,
                         Net_To_Matrix
radatools 2.1
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- minor updates
radatools 2.0
- added programs for mesoscale search and fine-tuning
- adaptated Reformat_Partitions to deal with mesoscales files
- list of available programs:
    01-Prepare_Network : List_To_Net, Matrix_To_Net, Connected_Subgraphs
    02-Find_Communities: Communities_Detection, Mesoscales_Search, Mesoscales_Fine_Tuning
    03-Reformat_Results: Convert_Lol_To_Clu, Reformat_Partitions
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radatools 1.1
- available also for Linux 32 (compatible with Linux 64)
- minor updates
radatools 1.0

    available only for Windows 32 (compatible with Windows 64)

- first release, with programs:
    01-Prepare_Network : List_To_Net, Matrix_To_Net, Connected_Subgraphs
    02-Find Communities : Communities Detection
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03-Reformat_Partition: Convert_Lol_To_Clu, Reformat_Partition