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INDUSTRIAL DEVELOPMENT ORGANIZATION



At the coRe of UNIDO's revamped statistical publications

Some experiences in implementing a process based on open-source



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Why?

How?

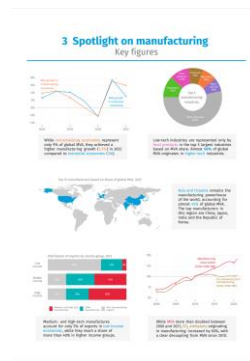
What?



Make information more accessible and practical

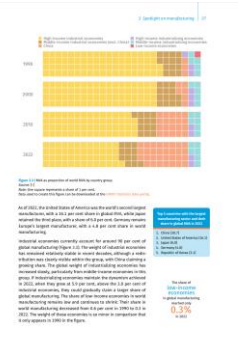
Table 1.1 DISTRIBUTION OF WORLD MVA AMONG SELECTED COUNTRY GROUPS, 2005-2020

Year	Industrialized Economies					Developing and Emerging Industrial Economies							
	Europe	Eastern and South-Eastern Asia	Western Asia	Northern America	Others	Regional groups			Development groups				
						Africa	Asia and Pacific	Europe	Latin America and the Caribbean	Emerging Industrial Economies	China	Other Developing Economies	Least Developed Countries
Percentage share in world total MVA (at constant 2015 prices)													
2005	27.0	14.2	0.8	24.5	2.1	1.9	21.0	1.1	6.9	16.1	13.8	1.9	0.6
2010	23.1	16.6	0.8	20.8	1.8	1.9	27.7	1.0	6.6	15.3	21.6	2.0	0.8
2015	21.4	13.1	0.8	18.7	1.4	2.1	36.2	0.7	5.6	15.0	26.5	2.1	0.9
2017	21.9	12.9	0.8	18.1	1.3	2.0	39.2	0.7	5.5	15.0	27.4	2.1	0.8
2017	21.2	12.9	0.8	17.8	1.4	2.0	38.0	0.8	5.1	14.9	27.6	2.1	1.0
2018	20.9	12.8	0.7	17.9	1.3	2.0	38.7	0.7	5.0	14.9	28.5	2.1	1.0
2019	20.3	12.7	0.8	17.7	1.3	2.0	39.8	0.7	4.7	14.7	29.4	2.1	1.0
2020 yr	19.1	12.4	0.7	17.0	1.3	2.1	42.2	0.7	4.5	14.5	31.7	2.2	1.1
Percentage share in world total MVA (at current prices)													
2009	26.8	15.5	0.7	19.8	1.8	2.0	28.2	1.1	6.1	15.5	17.4	1.9	0.6
2010	25.0	16.6	0.7	18.7	1.8	1.9	27.7	1.0	6.6	15.5	18.3	1.8	0.6
2011	24.9	15.6	0.7	17.5	1.8	1.9	30.1	1.0	6.5	16.3	20.6	1.9	0.7
2012	23.0	15.5	0.8	17.7	1.7	2.0	32.1	0.9	6.3	16.0	22.5	2.0	0.7
2013	23.4	13.6	0.8	17.8	1.6	2.0	33.7	0.9	6.2	15.8	24.1	2.1	0.8
2014	23.5	13.2	0.8	18.1	1.5	2.1	34.6	0.8	6.0	15.3	25.2	2.2	0.8
2015	21.4	13.1	0.8	18.7	1.4	2.1	36.2	0.7	5.6	15.0	26.5	2.1	0.9
2016	21.4	14.0	0.8	18.4	1.4	1.9	36.2	0.7	5.2	14.7	26.5	2.0	1.0
2017	21.3	13.6	0.8	17.8	1.4	1.8	37.2	0.7	5.3	15.0	27.2	1.9	0.9
2018	21.4	13.2	0.8	17.8	1.3	1.8	38.2	0.8	4.7	14.2	28.4	1.9	1.0
2019 yr	20.5	13.0	0.8	18.1	1.3	2.0	39.0	0.8	4.5	14.5	28.7	2.1	1.0



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All Estimates
Austria

ISIC Industry	Year	Index numbers of industrial production (2010=100)										
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
10 Food products	98	91	92	93	96	98	100	102	100	100	100	100
11 Beverages	100	98	95	94	98	101	101	100	100	98	100	103
12 Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
13 Textiles	115	102	86	96	84	90	86	91	100	99	106	110
14 Wearing apparel	178	164	162	147	123	114	105	96	94	100	106	94
15 Leather and related products	116	113	92	80	83	87	91	96	100	94	92	70
16 Wood products, excluding furniture	103	96	87	95	101	99	99	97	100	104	108	114
17 Paper and paper products	94	96	85	92	96	96	95	100	100	102	103	105
18 Printing and reproduction of recorded media	126	126	116	121	117	107	104	103	100	102	100	98
19 Coke and refined petroleum products	90	124	112	109	133	123	112	109	100	90	98	107
20 Chemicals and chemical products	96	100	88	93	96	99	98	102	100	101	102	103
21 Pharmaceuticals, mechanical chemicals, etc.	94	81	89	77	80	83	86	93	100	101	104	103
22 Rubber and plastic products	90	80	81	85	93	94	90	92	100	103	107	103
23 Other non-metallic mineral products	121	116	87	104	105	99	99	100	100	103	105	108
24 Basic metals	95	95	70	88	98	95	95	97	100	99	105	107
25 Fabricated metal products, except machinery	97	91	89	93	98	98	99	100	103	110	115	116
26 Computer, electronic and optical products	88	73	87	89	84	86	100	113	128	140	140	140
27 Electrical equipment	94	103	96	97	103	99	95	99	100	109	115	121
28 Machinery and equipment a.e.	86	92	73	78	87	89	91	91	100	103	110	117
29 Other machinery, tractors and semitrailers	97	90	67	78	89	89	97	99	100	103	107	119
30 Other transport equipment	168	178	170	132	144	131	127	121	100	108	115	129
31 Furniture	117	113	106	106	106	107	103	102	100	108	106	108
32 Other manufacturing	96	89	87	100	93	107	102	100	103	105	112	112
33 Repair and installation of machinery/equipment	85	93	86	94	99	101	101	101	100	98	105	110
C Total manufacturing	95	87	84	90	96	98	97	98	100	103	108	112





Main decision factors for “How to do”

- Institutional settings
- Software available
- Team composition/skills
- Synergies
- ...



L^AT_EX





Main Pillars (simplified) [1]



Input Data (internal and external)

Content Development (R-project)

Template Development (R-project)

internal R-Pkgs (R-project)

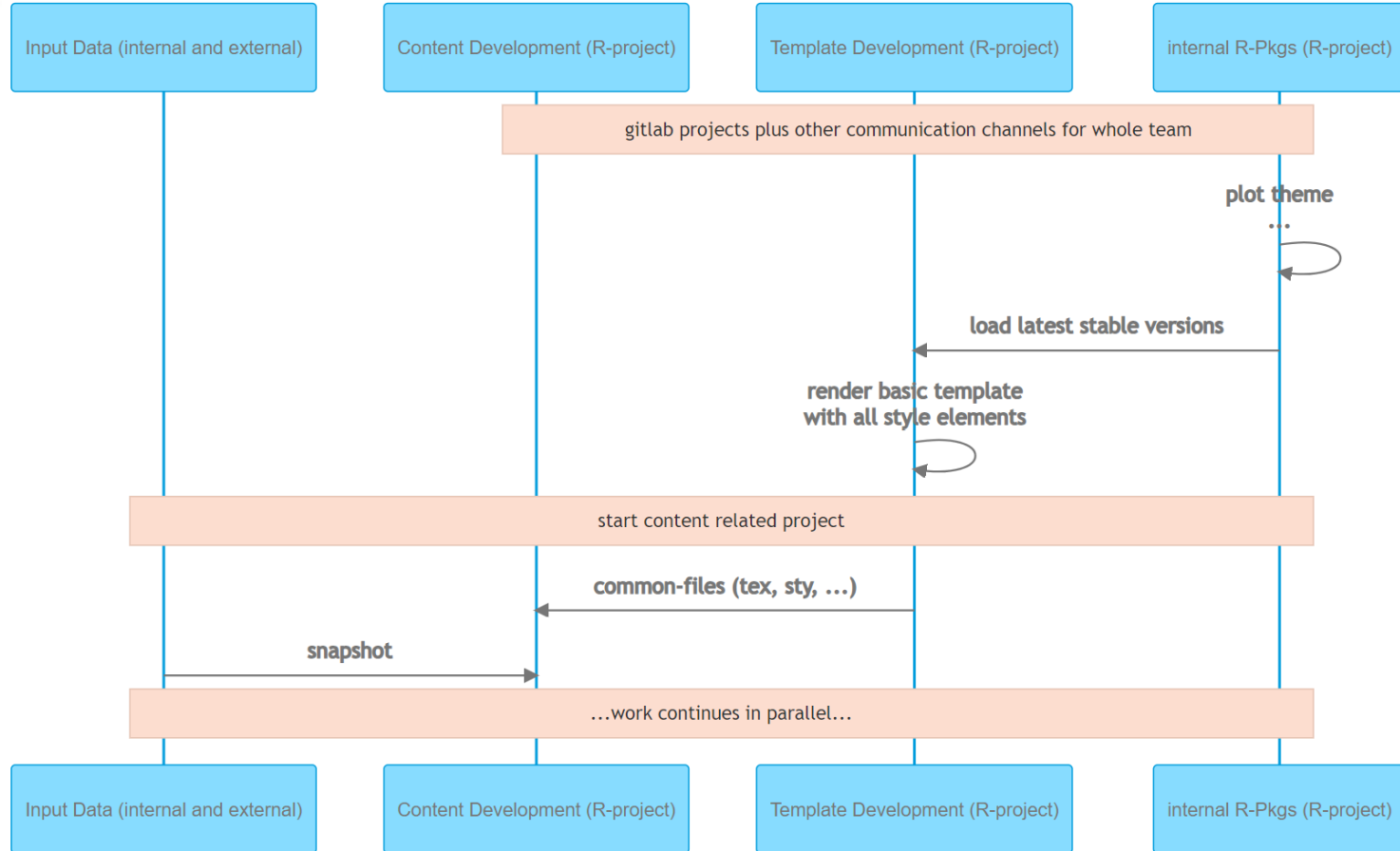


https://rmarkdown.rstudio.com/authoring_quick_tour.html

<https://bookdown.org/yihui/rmarkdown-cookbook/>

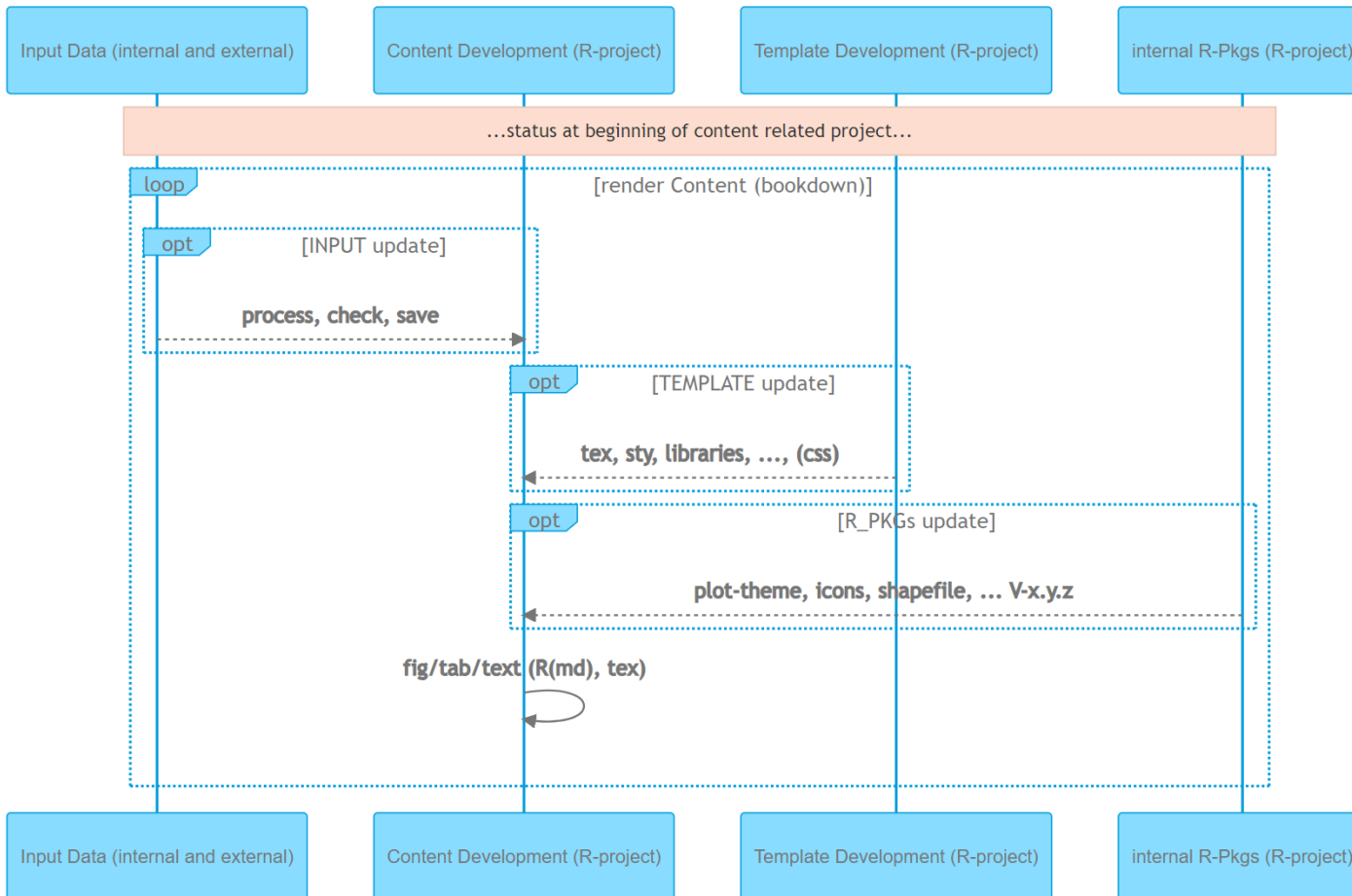


Main Pillars (simplified) [2]



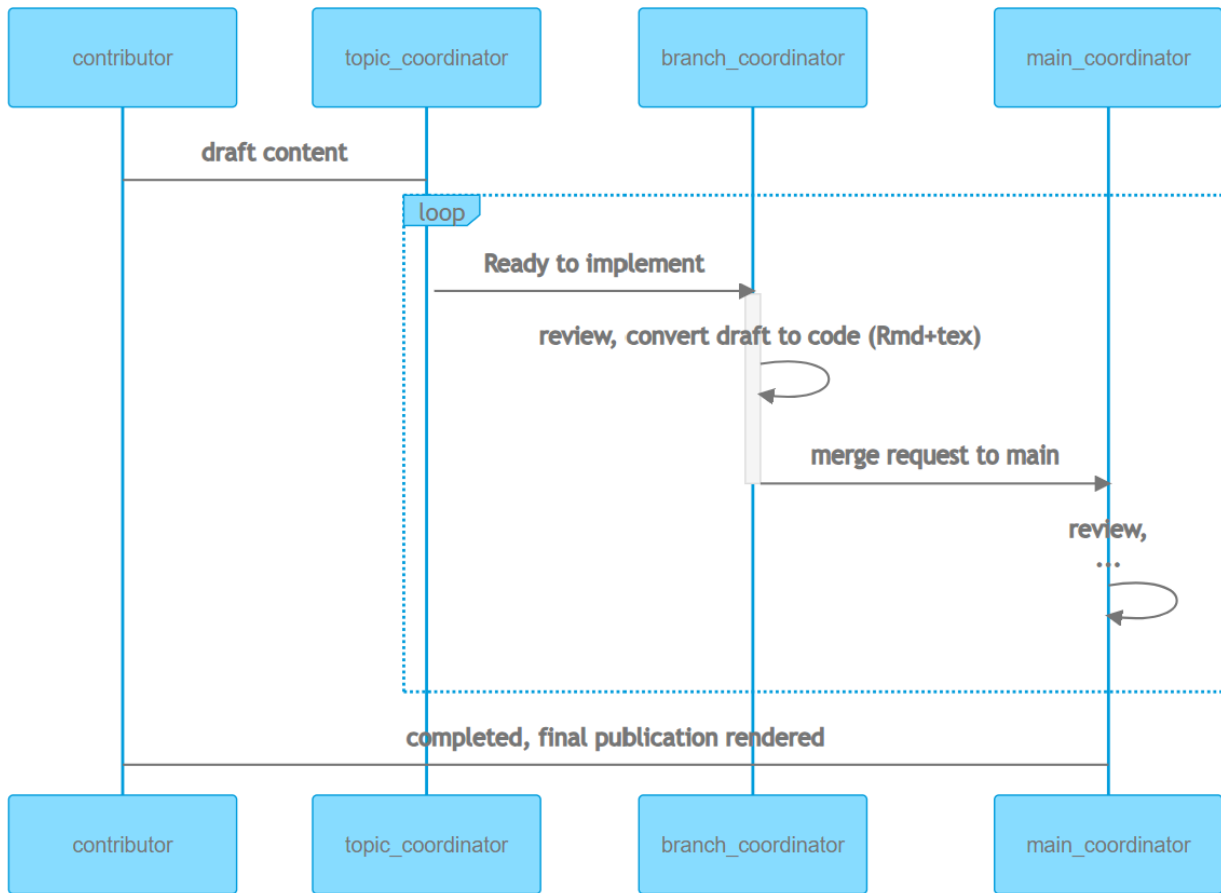


Main Pillars (simplified) [3]





Roles (simplified)





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A word cloud for the word "CHALLENGES". The word "CHALLENGES" is the largest and most prominent, written in blue. Other words include "fonts" (green), "gitConflicts" (orange), "marginNotes" (blue), "md" (green), "floatObj" (purple), "review" (yellow), "icons" (orange), "GroupPolicy" (orange), "customization" (purple), and "colors" (orange). The words are arranged in a way that suggests the complexity and various aspects of challenges.



A word cloud for the word "ADVANTAGES". The word "ADVANTAGES" is the largest and most prominent, written in blue. Other words include "html" (yellow), "sideProducts" (green), "openSource" (red), "learning" (green), "pdfWeb" (orange), "pdfPrint" (purple), "costs" (purple), and "synergies" (green). The words are arranged in a way that suggests the benefits and positive aspects of a project or process.



One template, various publications

- International Yearbook of Industrial Statistics (new)
- SDG 9 Biennial Progress Report
- World Manufacturing Production - Quarterly Report
- Methodological papers, ...

Todo

- Update systems, process review, consolidate
 - html version
 - Further customizations, ...
-



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Thank you!
... and above all...
thanks to all open-source creators & developers

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