

Beyond PLANCK

Deliverable 9.6: Product delivery

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Work Package WP9 – Reproducibility

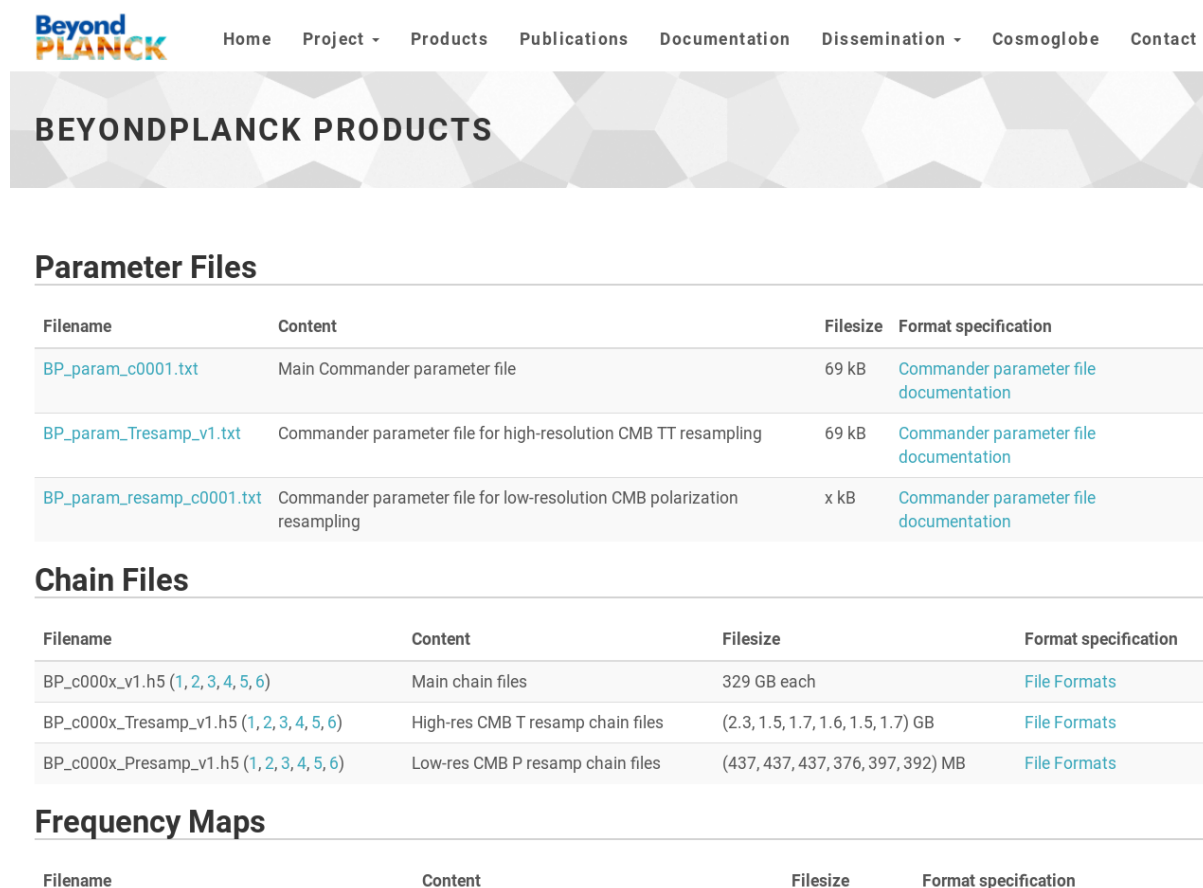
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Revision History

Version	Authors	Date	Changes
1.0	Hans Kristian Eriksen	November 30th, 2020	Initial Version

Contents

1 Summary.....	3
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Parameter Files

Filename	Content	Filesize	Format specification
BP_param_c0001.txt	Main Commander parameter file	69 kB	Commander parameter file documentation
BP_param_Tresamp_v1.txt	Commander parameter file for high-resolution CMB TT resampling	69 kB	Commander parameter file documentation
BP_param_resamp_c0001.txt	Commander parameter file for low-resolution CMB polarization resampling	x kB	Commander parameter file documentation

Chain Files

Filename	Content	Filesize	Format specification
BP_c000x_v1.h5 (1, 2, 3, 4, 5, 6)	Main chain files	329 GB each	File Formats
BP_c000x_Tresamp_v1.h5 (1, 2, 3, 4, 5, 6)	High-res CMB T resamp chain files	(2.3, 1.5, 1.7, 1.6, 1.5, 1.7) GB	File Formats
BP_c000x_Presamp_v1.h5 (1, 2, 3, 4, 5, 6)	Low-res CMB P resamp chain files	(437, 437, 437, 376, 397, 392) MB	File Formats

Frequency Maps

Filename	Content	Filesize	Format specification
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Figure 1: BeyondPlanck products available through the project homepage.

1 Summary

All BeyondPlanck data products are publicly available through the project homepage (<http://beyondplanck.science/products/files>), as illustrated in Figure 1. These products are organized into seven main categories, namely 1) parameter files; 2) chain files; 3) frequency maps; 4) astrophysical component maps; 5) CMB maps; 6) masks; and 7) likelihood. All files are provided in established formats, as described in the documentation (<http://docs.beyondplanck.science>).

Delivery of main files to the Planck Legacy Archive has been agreed with Dr. Jan Tauber (Planck Scientist and PLA coordinator), and will happen only after the BeyondPlanck paper I has been accepted for publication in A&A; this is in agreement with established PLA policies, and applied to all Planck releases as well.